

WHITLAM CHEMICAL AND PLUMB-PRO QUALITY TOOLS

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**PLUMBING
IRRIGATION
UNDERGROUND UTILITIES
POOL / SPA
INDUSTRIAL / FIRE PROTECTION
HVAC / REFRIGERATION**



WHITLAM



The Industry Standard for Over 100 Years

J.C. WHITLAM MANUFACTURING CO.

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J.C. Whitlam Manufacturing Headquarters consists of more than 100,000 square feet of offices, plant, warehousing and laboratory facilities in northeastern Ohio. Chemical containment tanks, shown above, allow proper storage and quick retrieval.

PVC SOLVENT CEMENTS



PVC CLEAR REGULAR BODIED LOW VOC CEMENT* A fast set for use through 4" (10.16 cm) diameter Sch. 40 and 1-1/4" (3.17 cm) Sch. 80 PVC pressure pipe and through 6" (15.24 cm) diameter non-pressure pipe. Meets ASTM D2564. **MADE IN THE U.S.A.**

	STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
	PRL4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	6.25
	PRL8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	8.90
	PRL16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	14.76
	PRL32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	25.09
	PRL1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	90.48



PVC CLEAR MEDIUM BODIED LOW VOC CEMENT* A medium set for use through 6" (15.24 cm) diameter Sch. 40 & Sch. 80 PVC pressure pipe and through 8" (20.32 cm) diameter non-pressure pipe. Meets ASTM D2564. **MADE IN THE U.S.A.**

	PL4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	7.06
	PL8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	11.42
	PL16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	17.00
	PL32	Quart - .95 L	Dauber Top Can	12	29 lbs. - 13.2 kg	29.14
	PL1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	109.57



PVC CLEAR HEAVY DUTY LOW VOC CEMENT* A medium set for use through 6" (15.24 cm) diameter Sch. 40 & Sch. 80 PVC pressure pipe and through 8" (20.32 cm) diameter non-pressure pipe. Meets ASTM D2564. **MADE IN THE U.S.A.**

	HDP4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	7.44
	HDP8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	11.58
	HDP16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	17.64
	HDP32	Quart - .95 L	Dauber Top Can	12	29 lbs. - 13.2 kg	30.41
	HDP1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	112.41



PVC CLEAR HEAVY BODIED LOW VOC CEMENT* A slow set for use through 12" (30.48 cm) diameter Sch. 40 & Sch. 80 PVC pressure pipe and through 16" (40.64 cm) diameter non-pressure pipe. Meets ASTM D2564. **MADE IN THE U.S.A.**

	HPL4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	7.79
	HPL8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	11.73
	HPL16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	18.27
	HPL32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	31.68
	HPL1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	115.27



PVC GRAY MEDIUM BODIED LOW VOC CEMENT* A medium set for use through 6" (15.24 cm) diameter Sch. 40 & Sch. 80 PVC pressure pipe and through 8" (20.32 cm) diameter non-pressure pipe. Meets ASTM D2564. **MADE IN THE U.S.A.**

	GL4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	6.93
	GL8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	11.03
	GL16	Pint - 473 ml	Dauber Top Can	12	16 lbs. - 7.3 kg	16.51
	GL32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	28.09
	GL1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	110.25



PVC GRAY SCH. 80 HEAVY BODIED LOW VOC CEMENT* A slow set for use through 12" (30.48 cm) diameter Sch. 40 & Sch. 80 PVC pressure pipe and through 16" (40.64 cm) diameter non-pressure pipe. Meets ASTM D2564. **MADE IN THE U.S.A.**

	PGL16	Pint - 473 ml	Dauber Top Can	12	16 lbs. - 7.3 kg	21.72
	PGL32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	35.58
	PGL1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	126.15



PVC WHITE EXTRA HEAVY BODIED LOW VOC CEMENT* A slow set for use through 30" (76.2 cm) diameter Sch. 40 & Sch. 80 PVC pressure pipe. Meets ASTM D2564. **MADE IN THE U.S.A.**

	XHW32	Quart - .95 L	Flat Top Can	12	29 lbs. - 13.2 kg	68.83
	XHW1	Gallon - 3.785 L	Paint Can w/Handle	4	37 lbs. - 16.8 kg	190.23
	XHW55	55 Gallon - 208 L	Drum	1	498 lbs. - 225.9 kg	8886.21

*D.O.T. Classified Shipping Items. See Page 38.

Pallet Quantities for Plastic Solvent Cements & Cleaners: 1/4 Pint = 130 Cases, 1/2 Pint = 80 Cases, 1 Pint = 80 Cases, 1 Quart = 56 Cases, 1 Gallon = 27 Cases.

NOTE: Wide mouth cans (2-7/8") available for gallons of cements and cleaners for additional charge. Please check with your Whitlam associate for pricing.

PVC SOLVENT CEMENTS

PVC GRAY EXTRA HEAVY BODIED LOW VOC CEMENT* A slow set for use through 30" (76.2 cm) diameter Sch. 40 & Sch. 80 PVC pressure pipe. Meets ASTM D2564. **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
XHG32	Quart - .95 L	Flat Top Can	12	29 lbs. - 13.2 kg	72.28
XHG1	Gallon - 3.785 L	Paint Can w/Handle	4	37 lbs. - 16.8 kg	199.73
XHG55	55 Gallon - 208 L	Drum	1	498 lbs. - 225.9 kg	9330.52



"WEATHERPROOF" CLEAR MEDIUM BODIED WET/DRY PVC LOW VOC CEMENT* Use on all classes and schedules of PVC pressure pipe (including Sch. 80) through 6" (15.24 cm) diameter and on non-pressure systems through 8" (20.32 cm) diameter. Meets ASTM D2564. **MADE IN THE U.S.A.**

PCW4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	8.24
PCW8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	13.41
PCW16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	19.83
PCW32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	33.48
PCW1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	130.38



"WEATHERPROOF" BLUE MEDIUM BODIED WET/DRY PVC LOW VOC CEMENT* Use on all classes and schedules of PVC pressure pipe (including Sch. 80) through 6" (15.24 cm) diameter and on non-pressure systems through 8" (20.32 cm) diameter. Meets ASTM D2564. **MADE IN THE U.S.A.**

WET4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	8.22
WET8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	14.08
WET8A	1/2 Pint - 237 ml	Dauber Top Can (Display Box)	12	9 lbs. - 4.1 kg	15.37
WET16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	22.44
WET32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	38.13
WET1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	132.01



"TURF - POOL & REPAIR" AQUA BLUE MEDIUM BODIED PVC LOW VOC CEMENT* A fast set for use through 3" (7.62 cm) diameter on all classes of PVC pressure pipe (except Sch. 80) and 6" (15.24 cm) diameter on non-pressure PVC pipe where pipe pulling is required and conditions are wet and/or quick pressurization is needed. Meets ASTM D2564. **MADE IN THE U.S.A.**

TP4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	8.22
TP8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	14.08
TP16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	22.44
TP32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	38.13
TP1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	132.01



"PRO-GREEN" IRRIGATION, MEDIUM BODIED PVC LOW VOC CEMENT* A fast one step cement for use through 3" (7.62 cm) diameter on all classes of PVC pressure pipe (except Sch. 80), and 6" (15.24 cm) diameter on non-pressure PVC pipe where pipe pulling is required and conditions are wet and/or quick pressurization is needed. Meets ASTM D2564. **MADE IN THE U.S.A.**

IR4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	8.22
IR8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	14.08
IR8A	1/2 Pint - 237 ml	Dauber Top Can (Display Box)	12	9 lbs. - 4.1 kg	15.37
IR16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	22.44
IR32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	38.13
IR1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	132.01



"SHARK-BITE" AQUA BLUE MEDIUM BODIED POOL/SPA PVC LOW VOC CEMENT* A one step cement for use through 3" (7.62 cm) diameter on all classes of PVC pressure pipe (except Sch. 80), and 6" (15.24 cm) diameter on non-pressure PVC pipe. Meets ASTM D2564. **MADE IN THE U.S.A.**

SB4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	8.22
SB8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	14.08
SB8A	1/2 Pint - 237 ml	Dauber Top Can (Display Box)	12	9 lbs. - 4.1 kg	15.37
SB16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	22.44
SB32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	38.13
SB1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	132.01



*D.O.T. Classified Shipping Items. See Page 38.
Pallet Quantities for Plastic Solvent Cements & Cleaners: 1/4 Pint = 130 Cases, 1/2 Pint = 80 Cases, 1 Pint = 80 Cases, 1 Quart = 56 Cases, 1 Gallon = 27 Cases.

NOTE: Wide mouth cans (2-7/8") available for gallons of cements and cleaners for additional charge. Please check with your Whitlam associate for pricing.

CPVC SOLVENT CEMENTS

CPVC YELLOW MEDIUM BODIED LOW VOC CEMENT* Use through 2" (5.08 cm) diameter CPVC pipe, C. T. S. (copper tube size) and potable water pressure pipe. Medium bodied cement for use on CPVC and FlowGuard Gold® pipe and fittings. Exceeds ASTM F493 and ASTM D2846. **MADE IN THE U.S.A.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
CPL4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	9.99
CPL8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	14.93
CPL16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	25.80
CPL32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	42.87

CPVC ORANGE MEDIUM BODIED LOW VOC CEMENT* Use through 6" (15.24 cm) diameter Sch. 40 CPVC pipe and through 1-1/2" (3.81 cm) diameter Sch. 80 CPVC pipe. Meets ASTM F493 and ASTM D2846. **MADE IN THE U.S.A.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
CPV4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	9.02
CPV8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	13.67
CPV16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	23.50
CPV32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	38.97

CPVC GRAY HEAVY BODIED LOW VOC CEMENT* Use through 12" (30.48 cm) diameter Sch. 40 CPVC pipe and through 6" (15.24 cm) diameter Sch. 80 CPVC pipe. Meets ASTM F493 and ASTM D2846. **MADE IN THE U.S.A.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
CPG16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	25.24
CPG32	Quart - .95 L	Dauber Top Can	12	29 lbs. - 13.2 kg	43.17
CPG1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	150.55

ABS SOLVENT CEMENTS

ABS BLACK MEDIUM BODIED LOW VOC CEMENT* Use through 6" (15.24 cm) diameter ABS pressure and DWV pipe. Meets ASTM D2235. Also available in **LOW VOC ABS Yellow Cement**. Stock Code **ABS**. **MADE IN THE U.S.A.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
AL4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	5.91
AL8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	8.97
AL16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	14.88
AL32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	24.79
AL1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	85.16

ALL PURPOSE SOLVENT CEMENTS

ALL PURPOSE CLEAR, MEDIUM BODIED, HEAVY DUTY LOW VOC CEMENT* Use through 6" (15.24 cm) diameter Sch. 40 & Sch. 80 ABS, PVC and CPVC Pipe. **MADE IN THE U.S.A.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
AP4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	7.42
AP8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	11.64
AP16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	20.26
AP32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	34.01

ALL PURPOSE CLEAR REGULAR BODIED LOW VOC CEMENT* Use through 4" (10.16 cm) diameter Sch. 40 & Sch. 80 ABS, PVC and Sch. 40 CPVC pipe. **MADE IN THE U.S.A.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
APR4	1/4 Pint - 118 ml	Dauber Top Can	24	10 lbs. - 4.5 kg	7.45
APR8	1/2 Pint - 237 ml	Dauber Top Can	24	16 lbs. - 7.3 kg	11.39
APR16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	20.36
APR32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	33.55
APR1	Gallon - 3.785 L	Can w/Handle	6	56 lbs. - 25.4 kg	129.01

FlowGuard Gold® Is a Registered Trademark of The Lubrizol Corporation.
 *D.O.T. Classified Shipping Items. See Page 38.
 Pallet Quantities for Plastic Solvent Cements & Cleaners: 1/4 Pint = 130 Cases, 1/2 Pint = 80 Cases, 1 Pint = 80 Cases, 1 Quart = 56 Cases, 1 Gallon = 27 Cases.

NOTE: Wide mouth cans (2-7/8") available for gallons of cements and cleaners for additional charge. Please check with your Whitlam associate for pricing.

TRANSITION SOLVENT CEMENT

“SWITCH” TRANSITION GREEN MEDIUM BODIED LOW VOC CEMENT* A fast set cement for use through 6" (15.24 cm) diameter for joining ABS pipe or fittings to PVC pipe or fittings. Meets ASTM D3138. **MADE IN THE U.S.A.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
TC16	Pint - 473 ml	Dauber Top Can	12	15 lbs. - 6.8 kg	18.59
TC32	Quart - .95 L	Dauber Top Can	12	28 lbs. - 12.7 kg	30.08



PRIMERS

LOW VOC CLEAR PRIMER* For use on all PVC, ABS and CPVC pipe and fittings. Meets ASTM F656. **MADE IN THE U.S.A.**



PCL4	1/4 Pint - 118 ml	Dauber Top Can	24	9 lbs. - 4.1 kg	7.44
PCL8	1/2 Pint - 237 ml	Dauber Top Can	24	15 lbs. - 6.8 kg	9.84
PCL16	Pint - 473 ml	Dauber Top Can	12	14 lbs. - 6.4 kg	15.96
PCL32	Quart - .95 L	Dauber Top Can	12	26 lbs. - 11.8 kg	27.45
PCL1	Gallon - 3.785 L	Can w/Handle	6	50 lbs. - 22.7 kg	92.64



LOW VOC PURPLE PRIMER* For use on all PVC, ABS and CPVC pipe and fittings. Dyes plastic purple. Meets ASTM F656. **MADE IN THE U.S.A.**



PPL4	1/4 Pint - 118 ml	Dauber Top Can	24	9 lbs. - 4.1 kg	7.49
PPL8	1/2 Pint - 237 ml	Dauber Top Can	24	15 lbs. - 6.8 kg	9.99
PPL16	Pint - 473 ml	Dauber Top Can	12	14 lbs. - 6.4 kg	16.36
PPL32	Quart - .95 L	Dauber Top Can	12	26 lbs. - 11.8 kg	28.07
PPL1	Gallon - 3.785 L	Can w/Handle	6	50 lbs. - 22.7 kg	94.86



CLEANERS

LOW VOC CLEAR CLEANER* For use on all PVC, ABS and CPVC pipe and fittings. **MADE IN THE U.S.A.**



C4	1/4 Pint - 118 ml	Dauber Top Can	24	9 lbs. - 4.1 kg	7.14
C8	1/2 Pint - 237 ml	Dauber Top Can	24	15 lbs. - 6.8 kg	9.89
C16	Pint - 473 ml	Dauber Top Can	12	14 lbs. - 6.4 kg	14.11
C32	Quart - .95 L	Dauber Top Can	12	25 lbs. - 11.3 kg	21.97
C1	Gallon - 3.785 L	Can w/Handle	6	50 lbs. - 22.7 kg	81.50

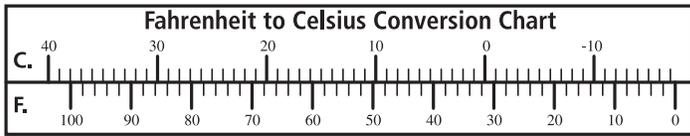


Average Joint Cure Schedule For WHITLAM PVC/CPVC Solvent Cements**

Relative Humidity 60% or Less	Cure Time Pipe Sizes 1/2" to 1 1/4"		Cure Time Pipe Sizes 1 1/2" to 2"		Cure Time Pipe Sizes 2 1/2" to 8"		Cure Time Pipe Sizes 10" to 15"		Cure Time Pipe Sizes 15"+
	up to 160 psi	160 to 370 psi	up to 160 psi	above 160 to 315 psi	up to 160 psi	above 160 to 315 psi	up to 100 psi	up to 100 psi	
60°-100°F	15 min	6 hrs	30 min	12 hrs	1 1/2 hrs	24 hrs	48 hrs	72 hrs	
40°- 60°F	20 min	12 hrs	45 min	24 hrs	4 hrs	48 hrs	96 hrs	6 days	
0°- 40°F	30 min	48 hrs	1 hour	96 hrs	72 hrs	8 days	8 days	14 days	

Note-Joint cure schedule is the necessary time to allow before pressurizing system. In damp or humid weather allow 50% more cure time.

** These figures are estimates based on our laboratory tests; extended cure times are required for chemical applications. Due to the many variables in the field, these figures should be used as a general guide only.



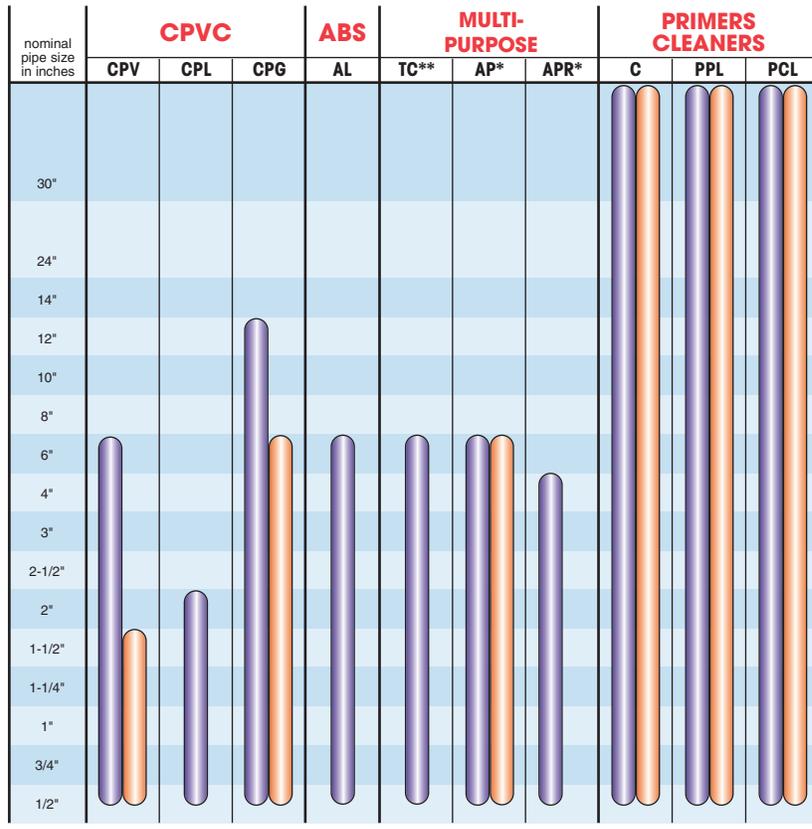
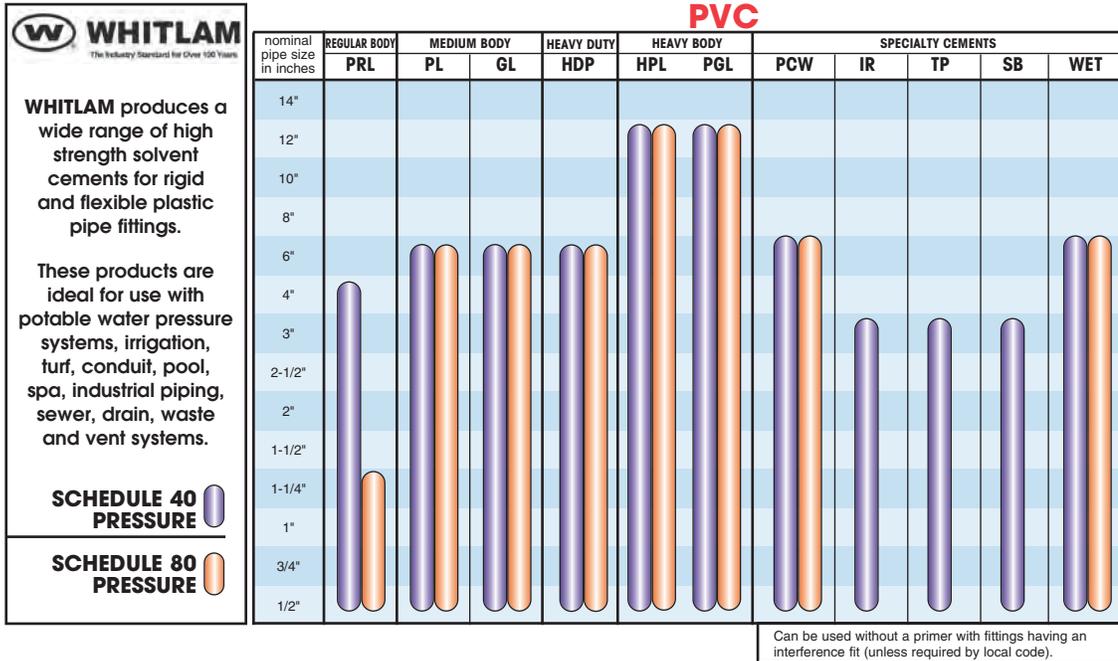
3 YEAR LIMITED WARRANTY

Whitlam Cements, Primers and Cleaners are made with the highest quality materials and meet or exceed their relative ASTM Specifications. All information provided is based on our laboratory testing, independent laboratory test results, and actual field experience. Properly used, Whitlam Cements, Primers and Cleaners will perform in accordance with applicable standards. Whitlam Cements, Primers and Cleaners will maintain a 3 year shelf life from date of manufacture if unopened or unused. Since we are unable to control conditions for with the product is being used, our only obligation will be the replacement of the product. See the Limited and Guaranteed Sale and Return Policy for additional information.

*D.O.T. Classified Shipping Items. See Page 38.

Pallet Quantities for Plastic Solvent Cements & Cleaners: 1/4 Pint = 130 Cases, 1/2 Pint = 80 Cases, 1 Pint = 80 Cases, 1 Quart = 56 Cases, 1 Gallon = 27 Cases.

NOTE: Wide mouth cans (2-7/8") available for gallons of cements and cleaners for additional charge. Please check with your Whitlam associate for pricing.



Average Initial Set Schedule For WHITLAM PVC/CPVC Solvent Cements**

Temperature Range	Pipe Sizes 1/2" to 1 1/4"	Pipe Sizes 1 1/2" to 2"	Pipe Sizes 2 1/2" to 8"	Pipe Sizes 10" to 15"	Pipe Sizes 15"+
60°-100°F	2 minutes	5 minutes	30 minutes	2 hours	4 hours
40°- 60°F	5 minutes	10 minutes	2 hours	8 hours	16 hours
0°- 40°F	10 minutes	15 minutes	12 hours	24 hours	48 hours

Note - Initial set schedule is the necessary time to allow before the joint can be carefully handled. In damp or humid weather allow 50% more set time.
** These figures are estimates based on our laboratory tests using water; extended set times are required for chemical applications. Due to the many variables in the field, these figures should be used as a general guide only.

Average Number of Joints Per Quart of WHITLAM Cement and Primer*

Pipe Diameter	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	10"	12"	15"	18"
Number of Joints	300	200	125	90	60	40	30	10	5	2-3	1-2	3/4	1/2

For Primer: Double the number of joints shown for cement. *These figures are estimates based on our laboratory tests. Due to the many variables in the field, these figures should be used as a general guide only. Note: 1 Joint = 1 Socket

THREAD SEALANTS

TYTE-UNYTE® Non-hardening Gray Pipe Joint Compound in paste form. No Drip, Thixotropic Formula. For Air, Steam, Natural Gas and Water. "Standard of the Industry Since 1900." For use on all metal threads. Meets Federal Specification TT-A-580D. **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
T2	2 oz. - .056 kg	Tube**	72	10 lbs. - 4.5 kg	2.40
T4	1/4 Pint/1/2 lb. - .227 kg	Brush Top Can	24	17 lbs. - 7.7 kg	4.10
T8	1/2 Pint/1 lb. - .454 kg	Brush Top Can	24	26 lbs. - 11.8 kg	5.96
T16	Pint/2 lbs. - .92 kg	Brush Top Can	12	25 lbs. - 11.3 kg	9.11
T6	6 lbs. - 2.72 kg	Pail w/Handle	4	31 lbs. - 14.1 kg	21.28
T14	14 lbs./gal. - 6.35 kg	Can w/Handle	4	60 lbs. - 27.2 kg	49.09
T50	50 lbs./5 gal. - 22.68 kg	Pail w/Handle	1	54 lbs. - 24.5 kg	181.28
T600	600 lbs./55 gal. - 208 L	55 Gallon Drum	1	640 lbs. - 290.3 kg	1755.84



STEEL-UNYTE Pipe Joint, Thread and Hard Set Sealer, Dark Gray, Semi-Paste for use on all Metal Threaded Connections and Flanges. Meets Military Specification MIL-S-7916B. **MADE IN THE U.S.A.**

ST4	1/4 Pint - 118 ml	Brush Top Can	24	14 lbs. - 6.4 kg	9.68
ST8	1/2 Pint - 237 ml	Brush Top Can	24	23 lbs. - 10.4 kg	14.48
ST8A	1/2 Pint - 237 ml	Brush Top Can (Display Box)	12	11 lbs. - 5.0 kg	15.79
ST16	Pint - 473 ml	Brush Top Can	12	22 lbs. - 10.0 kg	23.32
ST32	Quart - .95 L	Brush Top Can	12	43 lbs. - 19.5 kg	37.02
ST1	Gallon - 3.785 L	Can w/Handle	4	46 lbs. - 20.9 kg	124.45
ST5	5 Gallon - 18.9 L	Pail w/Handle	1	65 lbs. - 29.5 kg	509.82
ST55	55 Gallon - 208 L	55 Gallon Drum	1	640 lbs. - 290.3 kg	4157.84



T-U TYPE 555 Soft-Set, Yellow Thread Sealing Compound for use on Plastic and Metal Threaded Systems carrying Air, Steam, Petroleum, Water, Gases and many Chemicals. Meets Federal Specification TT-S-1732. **MADE IN THE U.S.A.**

TU4	1/4 Pint - 118 ml	Brush Top Can	24	14 lbs. - 6.4 kg	8.85
TU8	1/2 Pint - 237 ml	Brush Top Can	24	23 lbs. - 10.4 kg	15.56
TU8A	1/2 Pint - 237 ml	Brush Top Can (Display Box)	12	11 lbs. - 5.0 kg	16.99
TU16	Pint - 473 ml	Brush Top Can	12	22 lbs. - 10.0 kg	24.92
TU32	Quart - .95 L	Brush Top Can	12	41 lbs. - 18.6 kg	45.58
TU1	Gallon - 3.785 L	Can w/Handle	4	53 lbs. - 24.0 kg	136.22
TU5	5 Gallon - 18.9 L	Pail w/Handle	1	65 lbs. - 29.5 kg	577.49
TU55	55 Gallon - 208 L	55 Gallon Drum	1	640 lbs. - 290.3 kg	4914.52



BLUE MAGIC All Purpose, Non-seizing, Industrial Grade Pipe Thread Compound that produces a leakproof seal on all types of metal and plastic threaded connections. Suitable for ABS, PVC, and CPVC threaded connections. Approved for use on Spears FlameGuard® CPVC Systems. Meets Federal Specification TT-S-1732. **MADE IN THE U.S.A.**

IG2	2 oz. - .056 kg	Tube**	72	11 lbs. - 5.0 kg	4.78
IG4	1/4 Pint - 118 ml	Brush Top Can	24	15 lbs. - 6.8 kg	9.18
IG8	1/2 Pint - 237 ml	Brush Top Can	24	24 lbs. - 10.9 kg	14.62
IG8A	1/2 Pint - 237 ml	Brush Top Can (Display Box)	12	13 lbs. - 5.9 kg	15.84
IG16	Pint - 473 ml	Brush Top Can	12	22 lbs. - 10.0 kg	24.22
IG32	Quart - .95 L	Brush Top Can	12	42 lbs. - 19.1 kg	43.51
IG1	Gallon - 3.785 L	Can w/Handle	4	53 lbs. - 24.0 kg	134.73
IG5	5 Gallon - 18.9 L	Pail w/Handle	1	65 lbs. - 29.5 kg	551.68
IG55	55 Gallon - 208 L	55 Gallon Drum	1	640 lbs. - 290.3 kg	5002.40
IG8C*	1/2 Pint - 237 ml	Brush Top Can	24	24 lbs. - 10.9 kg	14.62
IG8CA*	1/2 Pint - 237 ml	Brush Top Can (Display Box)	12	13 lbs. - 5.9 kg	15.84
IG16C*	Pint - 473 ml	Brush Top Can	12	22 lbs. - 10.0 kg	24.22



SELECT-UNYTE Soft-Set, White All Purpose PTFE Paste Thread Sealing Compound. For use on plastic and metal threaded systems carrying air, steam, petroleum, water, gases and many chemicals. Meets Federal Specification TT-S-1732. **MADE IN THE U.S.A.**

TF2	2 oz. - .056 kg	Tube**	72	11 lbs. - 5.0 kg	5.09
TF4	1/4 Pint - 118 ml	Brush Top Can	24	15 lbs. - 6.8 kg	9.06
TF8	1/2 Pint - 237 ml	Brush Top Can	24	23 lbs. - 10.4 kg	16.19
TF8A	1/2 Pint - 237 ml	Brush Top Can (Display Box)	12	13 lbs. - 5.9 kg	17.77
TF16	Pint - 473 ml	Brush Top Can	12	22 lbs. - 10.0 kg	26.80
TF32	Quart - .95 L	Brush Top Can	12	43 lbs. - 19.5 kg	49.16
TF1	Gallon - 3.785 L	Can w/Handle	4	52 lbs. - 23.6 kg	150.57
TF5	5 Gallon - 18.9 L	Pail w/Handle	1	66 lbs. - 29.9 kg	624.26
TF55	55 Gallon - 208 L	55 Gallon Drum	1	640 lbs. - 290.3 kg	5469.91
TF8C*	1/2 Pint - 237 ml	Brush Top Can	24	23 lbs. - 10.4 kg	16.19
TF8CA*	1/2 Pint - 237 ml	Brush Top Can (Display Box)	12	13 lbs. - 5.9 kg	17.77
TF16C*	Pint - 473 ml	Brush Top Can	12	22 lbs. - 10.0 kg	26.80
TF32C*	Quart - .95 L	Brush Top Can	12	43 lbs. - 19.5 kg	49.16



POWER SEAL PLUS Non-Drying, Arctic Blue PTFE Based Thread Sealing Compound. Specially formulated for the Fire Sprinkler Industry for use on all metal threaded connections, FlowGuard Gold®, BlazeMaster®, and Corzan® CPVC pipe and fittings. Meets Federal Specification TT-S-1732. **MADE IN THE U.S.A.**

POW16	Pint - 473 ml	Flat Top Can	12	24 lbs. - 10.9 kg	28.50
POW16B	Pint - 473 ml	Brush Top Can	12	24 lbs. - 10.9 kg	28.50
POW32	Quart - .95 L	Plastic Container w/Twist Top Lid	12	42 lbs. - 19.1 kg	51.13
POW32B	Quart - .95 L	Brush Top Can	12	44 lbs. - 20.0 kg	51.13
POW1	Gallon - 3.785 L	Can w/Handle	4	60 lbs. - 27.2 kg	155.70
POW5	5 Gallon - 18.9 L	Pail w/Handle	1	73 lbs. - 33.1 kg	652.45
POW55	55 Gallon - 208 L	55 Gallon Drum	1	740 lbs. - 335.7 kg	5749.37



*Bilingual Label: French and English. **Tubes Packed 12 Per Clear Plastic Tub. FlowGuard Gold®, BlazeMaster®, and Corzan® are Registered Trademarks of The Lubrizol Corporation. FlameGuard® is a registered trademark of Spears Manufacturing Company. Pallet Quantities for Thread Sealants: 1/4 Pint = 130 Cases, 1/2 Pint = 80 Cases, 1 Pint = 80 Cases, 1 Quart = 56 Cases, 1 Gallon = 45 Cases.

THREAD SEALANTS

TALON PTFE THREAD COMPOUND A Triple Lubricating, All Purpose, Non-Seizing, VOC Free, Industrial Grade Thread Sealing Compound that provides Freedom from Leaks™ on all types of metal and plastic threaded connections. **TALON PTFE THREAD COMPOUND** contains Graphite, Ceramic Microspheres, and Virgin PTFE for optimal sealing. Approved for use on Spears FlameGuard® CPVC Systems. **MADE IN THE U.S.A.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
TAL4	1/4 Pint - 118 ml	Brush Top Can	24	15 lbs. - 6.8 kg	9.96
TAL8	1/2 Pint - 237 ml	Brush Top Can	24	24 lbs. - 10.9 kg	17.82
TAL8A	1/2 Pint - 237 ml	Brush Top Can (Display Box)	12	13 lbs. - 5.9 kg	19.56
TAL16	Pint - 473 ml	Brush Top Can	12	22 lbs. - 10.0 kg	29.51
TAL32	Quart - .95 L	Brush Top Can	12	42 lbs. - 19.1 kg	54.08
TAL1	Gallon - 3.785 L	Can w/Handle	4	53 lbs. - 24.0 kg	165.60
TAL5	5 Gallon - 18.9 L	Pail w/Handle	1	65 lbs. - 29.5 kg	686.69
TAL55	55 Gallon - 208 L	55 Gallon Drum	1	640 lbs. - 290.3 kg	6016.90

ANTI-SEIZE



TALON COPPER ANTI-SEIZE Lubricant and Thread Sealant. Lead Free, Non-Seizing, Copper Based conforms to MIL-A-907E Specification. Service Rating to 1800° F (982° C). **MADE IN THE U.S.A.**

CU8	10 oz. - .284 kg	Brush Top Can	24	20 lbs. - 9.1 kg	20.43
CU8A	10 oz. - .284 kg	Brush Top Can (Display Box)	12	10 lbs. - 4.5 kg	22.26
CU16	1 lb. - .454 kg	Brush Top Can	12	19 lbs. - 8.6 kg	27.72
CU32	2-1/2 lbs. - 1.13 kg	Brush Top Can	12	36 lbs. - 16.3 kg	52.17
CU1	10 lbs. - 4.54 kg	Can w/Handle	4	45 lbs. - 20.4 kg	177.20
CU3	20 lbs. - 9.08 kg	Can w/Handle	1	22 lbs. - 10.0 kg	334.26
CU5	50 lbs. - 22.68 kg	Pail w/Handle	1	54 lbs. - 24.5 kg	795.98
CU55	500 lbs. - 226.8 kg	55 Gallon Drum	1	540 lbs. - 244.9 kg	6772.73



TALON NICKEL ANTI-SEIZE Lubricant and Thread Sealant. Lead Free, Non-Seizing, Nickel Based exceeds MIL-A-907E Specification. Service Rating to 2600° F (1427° C). **MADE IN THE U.S.A.**

NIB	8 oz. - .227 kg	Brush Top Can	12	10 lbs. - 4.5 kg	36.15
NI16	1 lb. - .454 kg	Brush Top Can	12	19 lbs. - 8.6 kg	59.79

Pipe Thread Sealant Application Chart	TYTE-UNYTE®	T-U TYPE 555	BLUE MAGIC	SELECT-UNYTE	TALON PTFE THREAD SEALANT	POWER SEAL PLUS	STEEL-UNYTE	TALON COPPER ANTI-SEIZE	TALON NICKEL ANTI-SEIZE	TAPE-UNYTE	TALON PTFE TAPE
Acids, concentrated											
Acids, dilute	•	•	•	•	•	•	•	•	•	•	•
Air, compressed	•	•	•	•	•	•	•	•	•	•	•
Alcohols, all											
Aliphatic solvents											
Ammonia, gaseous											
Ammonia, liquid											
Aromatic solvents											
Caustic, concentrated											
Caustic, dilute											
Chlorinated solvents											
Cutting oils (low aromatic)											
Diesel fuel oil											
Ethylene glycol (anti-freeze)											
Fatty acids, liquid											
Gasohol (unleaded 10% alcohol)											
Gasoline											
Glycerine											
Heating oils											
Hellum, gaseous											
Hydraulic fluids, water/glycol											
Hydraulic oils											
Hydrogen, gaseous											
Inert gases											
Jet Fuel (JP3, 4, 5)											
Kerosene											
Ketones											
Liquified Petroleum gases											
Mineral oils											
Natural gas	•										
Nitrogen, gaseous											
Oxygen, gaseous											
Petroleum solvents											
Refrigerants											
Refrigeration Oil											
Soap, liquid											
Steam	•										
Vegetable oils											
Water (hot or cold)	•										

Pallet Quantities for Thread Sealants: 1/4 Pint = 130 Cases, 1/2 Pint = 80 Cases, 1 Pint = 80 Cases, 1 Quart = 56 Cases, 1 Gallon = 45 Cases. FlameGuard® is a registered trademark of Spears Manufacturing Company.



THREAD SEALANT TAPE

TALON PROFESSIONAL HIGH DENSITY GRAY PTFE TAPE 3.5 Mil Thick, 0.8g/cm³ High Density, 100% Elongation. Excellent for natural and LP gas. Meets MIL-T-27730A. Packaged in a point of purchase display box.

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
TL1429	1/2" x 1429" - 1.27 cm x 36.3 m	Plastic Spool	45	6 lbs. - 2.7 kg	4.12
TLW1429	3/4" x 1429" - 1.9 cm x 33.3 m	Plastic Spool	27	6 lbs. - 2.7 kg	5.58



TAPE-UNYTE® HIGH DENSITY WHITE PTFE TAPE PTFE Pipe Joint Compound in Tape Form. Packed on a Spool with Cover. 3.5 Mil Thick, 0.9g/cm³ High Density. Meets MIL-T-27730A. FDA approved. Packaged in a point of purchase display box. **MADE IN THE U.S.A.**

F520	1/4" x 520" - .63 cm x 13.2 m	Plastic Spool	12	1 lb. - 0.5 kg	6.50
T260	1/2" x 260" - 1.27 cm x 6.6 m	Plastic Spool	12	1 lb. - 0.5 kg	5.23
T520	1/2" x 520" - 1.27 cm x 13.2 m	Plastic Spool	12	1 lb. - 0.5 kg	8.57
T1296	1/2" x 1296" - 1.27 cm x 32.9 m	Plastic Spool	12	2 lbs. - 0.9 kg	16.66
W260	3/4" x 260" - 1.9 cm x 6.6 m	Plastic Spool	12	1 lb. - 0.5 kg	7.56
W520	3/4" x 520" - 1.9 cm x 13.2 m	Plastic Spool	12	2 lbs. - 0.9 kg	12.00
X260	1" x 260" - 2.54 cm x 6.6 m	Plastic Spool	12	1 lb. - 0.5 kg	9.53



YELLOW GAS LINE PTFE TAPE 4 Mil Thick, 0.9g/cm³ High Density. Specifically Formulated for use on Natural, LP and Synthetic Gases. UL Approved. Meets or exceeds MIL-T-27730A. **MADE IN THE U.S.A.**

GT260	1/2" x 260" - 1.27 cm x 6.6 m	Plastic Spool	144	8 lbs. - 3.6 kg	4.52
GT260A	1/2" x 260" - 1.27 cm x 6.6 m	Plastic Spool	12	1 lb. - 0.5 kg	5.18
GT520	1/2" x 520" - 1.27 cm x 13.2 m	Plastic Spool	144	10 lbs. - 4.5 kg	8.29
GT520A	1/2" x 520" - 1.27 cm x 13.2 m	Plastic Spool	12	1 lb. - 0.5 kg	11.72



STAINLESS STEEL PTFE TAPE Gray PTFE Pipe Joint Compound in Tape Form. Formulated for use on all Stainless Steel Fittings. Prevents Galling, Seizing, and Corrosion. 4 MIL Thick, 1.2g/cm³ Ultra-High Density. Exceeds MIL Spec T-27730A. **MADE IN THE U.S.A.**

SST260	1/2" x 260" - 1.27 cm x 6.6 m	Plastic Spool	12	1 lb. - 0.5 kg	7.30
SSTW260	3/4" x 260" - 1.9 cm x 6.6 m	Plastic Spool	12	1 lb. - 0.5 kg	10.85



QUALITY IMPORT PTFE TAPE Pipe Joint Compound in Tape Form. Packed on a Spool with Cover. 3.5 Mil Thick, 0.38g/cm³ Density. Meets MIL-T-27730A.

S260	1/2" x 260" - 1.27 cm x 6.6 m	Plastic Spool	100	3 lbs. - 1.4 kg	0.85
S520	1/2" x 520" - 1.27 cm x 13.2 m	Plastic Spool	100	3 lbs. - 1.4 kg	1.42
S1296	1/2" x 1296" - 1.27 cm x 32.9 m	Plastic Spool	50	3 lbs. - 1.4 kg	3.68
SW260	3/4" x 260" - 1.9 cm x 6.6 m	Plastic Spool	70	3 lbs. - 1.4 kg	1.75
SW520	3/4" x 520" - 1.9 cm x 13.2 m	Plastic Spool	70	3 lbs. - 1.4 kg	2.57
SW1296	3/4" x 1296" - 1.9 cm x 32.9 m	Plastic Spool	150	15 lbs. - 6.8 kg	6.12
SX520	1" x 520" - 2.54 cm x 13.2 m	Plastic Spool	50	3 lbs. - 1.4 kg	3.70



PUTTY

MAKE-TYTE SUPER SOFT STAINLESS PLUMBER'S PUTTY Never Hardens. Cream Color. Meets Federal Specifications TT-P-1536A. **MADE IN THE U.S.A.**

MT1	14 oz. - .397 kg	Plastic Tub	24	25 lbs. - 11.3 kg	3.42
MT3	3 lbs. - 1.38 kg	Plastic Tub	6	19 lbs. - 8.6 kg	9.68
MT5	5 lbs. - 2.26 kg	Plastic Tub	6	32 lbs. - 14.5 kg	14.45
MT15	15 lbs. - 6.90 kg	Pail w/Handle	4	67 lbs. - 30.4 kg	42.71



TALON EPOXY FOR PLASTIC A hand-mixable, fast-setting epoxy putty that forms a durable bond to most major plastic types. After mixing it forms a polymer compound that can be molded, wrapped around, or used to build up and repair just about anything made from rigid or semi-flexible plastic. Packaged in a point of purchase display box. Meets ASTM D-4236. **MADE IN THE U.S.A.**

EPP4	4 oz. - 113.4 g 7" (18 cm) Long Sticks	Plastic Tube (2 Display Cartons)	24	11 lbs. - 5.0 kg	13.16
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TALON EPOXY FOR STEEL A hand-mixable, steel-reinforced, non-rusting fast-setting epoxy putty that quickly repairs or rebuilds anything made of steel. After mixing it forms a polymer compound that can be molded, wrapped around, build up, patch and repair steel components. Packaged in a point of purchase display box. **MADE IN THE U.S.A.**

EPS4	4 oz. - 113.4 g 7" (18 cm) Long Sticks	Plastic Tube (2 Display Cartons)	24	11 lbs. - 5.0 kg	13.16
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REPAIR CEMENTS



PLASTA-TYTE Soil Pipe and General Repair Cement in Paste Form. Requires no heating or mixing. **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
PT8	1/2 Pint - 237 ml	Can	24	24 lbs. - 10.9 kg	12.95
PT16	Pint - 473 ml	Can	12	23 lbs. - 10.4 kg	21.49



BLACK FLASH Flashing Cement Compound. All Weather. Never Hardens. Meets Federal Specifications SS-C-153. **MADE IN THE U.S.A.**

BFC	1/10 gal - .37 L	Cartridge	12	11 lbs. - 5.0 kg	9.04
BF32	Quart - .95 L	Can	12	33 lbs. - 15.0 kg	18.69
BF1	Gallon - 3.785 L	Can w/Handle	4	40 lbs. - 18.1 kg	43.51



"BLACK DRAGON" BLACK GILSONITE ASPHALT PAINT A quick drying, high gloss Asphalt Enamel Paint. Provides excellent corrosion protection for all types of metal surfaces including pipe. Offers one coat coverage with full resistance to water, acids, alkalis, electrolysis, and natural elements. **MADE IN THE U.S.A.**

BD1	Gallon - 3.785 L	Can w/Handle	4	32 lbs. - 14.5 kg	51.96
BD5	5 Gallon - 18.9 L	Pail w/Handle	1	41 lbs. - 18.6 kg	204.88
BD55	55 Gallon - 208 L	Drum	1	550 lbs. - 226.8 kg	2218.65

CAULK



WHITE CAULK ALL PURPOSE White Siliconized Acrylic Caulk. **MADE IN THE U.S.A.**

TTW5	5.5 fl. oz. - 163 ml	Plastic Tube	12	8 lbs. - 3.6 kg	7.37
TTW10	10.3 fl. oz. - 305 ml	Cartridge	12	15 lbs. - 6.8 kg	8.88

LINEN/BISCUIT CAULK ALL PURPOSE, Off White, Siliconized Acrylic Caulk. **MADE IN THE U.S.A.**

TTL5	5.5 fl. oz. - 163 ml	Plastic Tube	12	8 lbs. - 3.6 kg	7.68
TTL10	10.3 fl. oz. - 305 ml	Cartridge	12	15 lbs. - 6.8 kg	8.88

CLEAR CAULK ALL PURPOSE Clear Siliconized Acrylic Caulk. **MADE IN THE U.S.A.**

TTC5	5.5 fl. oz. - 163 ml	Plastic Tube	12	8 lbs. - 2.7 kg	7.68
TTC10	10.3 fl. oz. - 305 ml	Cartridge	12	15 lbs. - 4.5 kg	8.88

CLEAR 100% RTV SILICONE SEALANT Clear 100% Silicone Sealant that has good resistance to weathering, vibration, moisture, ozone and extreme temperatures. It may be applied in sub-zero weather without loss of extrusion or physical property characteristics. **MADE IN THE U.S.A.**

SIC10	10.3 fl. oz. - 305 ml	Cartridge	12	10 lbs.- 4.5 kg	9.18
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WHITE 100% RTV SILICONE SEALANT White 100% Silicone Sealant that has good resistance to weathering, vibration, moisture, ozone and extreme temperatures. It may be applied in sub-zero weather without loss of extrusion or physical property characteristics. **MADE IN THE U.S.A.**

SIW10	10.3 fl. oz. - 305 ml	Cartridge	12	10 lbs. - 4.5 kg	9.18
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RED HI-TEMP 100% RTV SILICONE SEALANT Red 100% Silicone Sealant that has good resistance to weathering, vibration, moisture, ozone and extreme temperatures. It may be applied in sub-zero weather without loss of extrusion or physical property characteristics. **MADE IN THE U.S.A.**

SIR10	10.3 fl. oz. - 305 ml	Cartridge	24	20 lbs. - 9.0 kg	11.86
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CAULKING GUNS

STANDARD RATCHET CAULKING GUN This standard ratchet type caulking gun is recommended for MEDIUM and LIGHT consistency caulks, sealants and adhesives. The sturdy steel construction will ensure long lasting use. **MADE IN THE U.S.A.**

#48	Standard	Boxed	6	7 lbs. - 3.2 kg	10.15
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PROFESSIONAL RATCHET CAULKING GUN Superior smooth rod frame caulkers are uniquely designed for professionals to develop a powerful thrust ratio, making the extrusion of stiff caulks and sealants easy and comfortable. Gun features three extra built-in tool functions: seal puncture tool, spout cutter and ladder hook. **MADE IN THE U.S.A.**

#56	Standard	Boxed	6	9 lbs. - 4.1 kg	19.39
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SOLDER FLUX

FLUX-TYTE SOLDER FLUX PASTE Self-Cleaning, Noncorrosive, Lead Free. Specially formulated for use with 95/5, 60/40, 50/50, 40/60 and Lead Free Solders on Copper, Galvanized Iron, Tin, Mild Steel, Terneplate, Zinc, Silver, Nickel and Sheet Lead. **Not recommended for use on aluminum.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
FT2	2 oz. - 57 g	Plastic Jar	144	26 lbs. - 11.8 kg	3.25
FT2A	2 oz. - 57 g	Plastic Jar	36	7 lbs. - 3.2 kg	3.42
FT4	4 oz. - 113.4 g	Plastic Jar	24	8 lbs. - 3.6 kg	5.25
FT8BT	8 oz. - 226.8 g	Plastic Jar w/Brush	24	17 lbs. - 7.7 kg	8.52
FT1	1 lb. - 454 g	Plastic Jar	24	29 lbs. - 13.2 kg	13.49

TALON WATER SOLUBLE PASTE FLUX Specially Formulated, Creamy, White, Water Flushable Paste Flux that holds its shape and will not slump until being heated above 122°F (50°C). Suitable for use on all types of tin solder and their alloys. Meets ASTM B-813. **MADE IN THE U.S.A.**



TWF2	2 oz. - 57 g	Plastic Jar	36	8 lbs. - 3.6 kg	4.80
TWF4	4 oz. - 113.4 g	Plastic Jar	24	9 lbs. - 4.1 kg	9.32
TWF8BT	8 oz. - 226.8 g	Plastic Jar w/Brush	24	17 lbs. - 7.7 kg	13.37
TWF1	1 lb. - 454 g	Plastic Jar	24	31 lbs. - 14.1 kg	22.43

ABRASIVE CLOTHS

BROWN SAND CLOTH 120J Waterproof, Brown Abrasive Cloth for Cleaning Copper Pipe.

JAO5	1-1/2" x 5 yd. - 3.81 cm x 4.54 m	Boxed	50	15 lbs. - 6.8 kg	5.77
JAO5A	1-1/2" x 5 yd. - 3.81 cm x 4.54 m	Boxed	24	8 lbs. - 3.6 kg	6.26
JAO10	1-1/2" x 10 yd. - 3.81 cm x 9.08 m	Boxed	50	26 lbs. - 11.8 kg	9.37
JAO10A	1-1/2" x 10 yd. - 3.81 cm x 9.08 m	Boxed	24	13 lbs. - 5.9 kg	10.22
JAO25	1-1/2" x 25 yd. - 3.81 cm x 22.7 m	Boxed	20	26 lbs. - 11.8 kg	19.93
JAO25A	1-1/2" x 25 yd. - 3.81 cm x 22.7 m	Boxed	12	15 lbs. - 6.8 kg	21.89



BLUE SAND CLOTH 120J Waterproof, Blue Abrasive Cloth for Cleaning Copper Pipe. 100% Jean Cloth Backing.

WP5	1-1/2" x 5 yd. - 3.81 cm x 4.54 m	Boxed	50	14 lbs. - 6.4 kg	6.22
WP5A	1-1/2" x 5 yd. - 3.81 cm x 4.54 m	Boxed	24	7 lbs. - 3.2 kg	6.92
WP10	1-1/2" x 10 yd. - 3.81 cm x 9.08 m	Boxed	50	24 lbs. - 10.9 kg	10.69
WP10A	1-1/2" x 10 yd. - 3.81 cm x 9.08 m	Boxed	24	14 lbs. - 6.4 kg	11.77
WP25	1-1/2" x 25 yd. - 3.81 cm x 22.7 m	Boxed	20	22 lbs. - 10.0 kg	22.99
WP25A	1-1/2" x 25 yd. - 3.81 cm x 22.7 m	Boxed	12	16 lbs. - 7.3 kg	25.18



OPEN MESH CLOTH Nylon Open Mesh Abrasive Cloth for Cleaning Copper Pipe. Waterproof and Reusable.

OM5	1-1/2" x 5 yd. - 3.81 cm x 4.54 m	Boxed	50	14 lbs. - 6.4 kg	12.50
OM5A	1-1/2" x 5 yd. - 3.81 cm x 4.54 m	Boxed	24	7 lbs. - 3.2 kg	13.82
OM10	1-1/2" x 10 yd. - 3.81 cm x 9.08 m	Boxed	50	23 lbs. - 10.4 kg	20.59
OM10A	1-1/2" x 10 yd. - 3.81 cm x 9.08 m	Boxed	24	11 lbs. - 5.0 kg	22.83
OM25	1-1/2" x 25 yd. - 3.81 cm x 22.7 m	Boxed	20	21 lbs. - 9.5 kg	49.35
OM25A	1-1/2" x 25 yd. - 3.81 cm x 22.7 m	Boxed	12	14 lbs. - 6.4 kg	54.19



PLUMBER'S SCRATCH PADS Nylon Abrasive Pad for Cleaning Copper Pipe.

SP10	2" x 6" x 1/4"	10 Pads per Bag	24	4 lbs. - 1.8 kg	8.17
	5.08 cm x 15.24 cm x .63 cm	24 Bags per Case			
SP10A	2" x 6" x 1/4"	10 Pads per Bag	10	3 lbs. - 1.4 kg	8.88
	5.08 cm x 15.24 cm x .63 cm	10 Bags per Case			
SP60	6" x 9" x 1/4"	10 Pads per Bag	6	6 lbs. - 2.7 kg	10.59
	15.24 cm x 22.86 cm x .63 cm	6 Bags per Case			



FITTING BRUSHES

WIRE HANDLE PLUMBING COPPER FITTING BRUSHES High Carbon Steel, Reusable Copper Cleaning Brushes with Wire Handle. Sizes I.D. Nominal. **MADE IN THE U.S.A.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
CF18	1/8" ID - .32 cm ID	Boxed	12	1 lb. - 0.5 kg	2.99
CF25	1/4" ID - .63 cm ID	Boxed	12	1 lb. - 0.5 kg	2.80
CF38	3/8" ID - .95 cm ID	Boxed	12	1 lb. - 0.5 kg	2.80
CF5	1/2" ID - 1.27 cm ID	Boxed	12	1 lb. - 0.5 kg	2.90
CF58	5/8" ID - 1.58 cm ID	Boxed	12	1 lb. - 0.5 kg	2.99
CF75	3/4" ID - 1.91 cm ID	Boxed	12	1 lb. - 0.5 kg	2.99
CF1	1" ID - 2.54 cm ID	Boxed	12	1 lb. - 0.5 kg	3.49
CF125	1-1/4" ID - 3.18 cm ID	Boxed	6	1 lb. - 0.5 kg	3.89
CF15	1-1/2" ID - 3.81 cm ID	Boxed	6	1 lb. - 0.5 kg	3.96
CF2	2" ID - 5.08 cm ID	Boxed	6	1 lb. - 0.5 kg	4.38
CF250	2-1/2" ID - 6.35 cm ID	Boxed	6	1 lb. - 0.5 kg	5.49

SOLID HANDLE PLUMBING COPPER FITTING BRUSHES High Carbon Steel, Reusable Copper Cleaning Brushes with Solid Plastic Handle. Cleans fast! Sizes I.D. Nominal. **MADE IN THE U.S.A.**



CP18	1/8" ID - .32 cm ID	Boxed	12	1 lb. - 0.5 kg	4.31
CP25	1/4" ID - .63 cm ID	Boxed	12	1 lb. - 0.5 kg	4.31
CP38	3/8" ID - .95 cm ID	Boxed	12	1 lb. - 0.5 kg	3.82
CP5	1/2" ID - 1.27 cm ID	Boxed	12	1 lb. - 0.5 kg	3.82
CP58	5/8" ID - 1.58 cm ID	Boxed	12	1 lb. - 0.5 kg	3.96
CP75	3/4" ID - 1.91 cm ID	Boxed	12	1 lb. - 0.5 kg	3.96
CP1	1" ID - 2.54 cm ID	Boxed	12	1 lb. - 0.5 kg	4.97
CP125	1-1/4" ID - 3.18 cm ID	Boxed	6	1 lb. - 0.5 kg	5.32
CP15	1-1/2" ID - 3.81 cm ID	Boxed	6	1 lb. - 0.5 kg	6.03
CP2	2" ID - 5.08 cm ID	Boxed	6	1 lb. - 0.5 kg	6.83

CUTTING OILS

WADCO® LIGHT OIL Super-Supreme Sulphur Base Cutting and Threading Oil for use with all Pipe Threading Machinery. **MADE IN THE U.S.A.**



WL16	Pint - 473 ml	Plastic Container	12	14 lbs. - 6.4 kg	11.96
WL32	Quart - .95 L	Plastic Jug w/Spout	12	27 lbs. - 12.2 kg	16.88
WL1	Gallon - 3.785 L	Plastic Jug w/Spout	6	48 lbs. - 21.8 kg	40.38
WL5	5 Gallon - 18.9 L	Pail w/Handle	1	39 lbs. - 17.7 kg	197.72
WL55	55 Gallon - 208 L	55 Gallon Drum	1	454 lbs. - 205.9 kg	1920.52

WADCO® DARK OIL Super-Supreme Sulphur Base Cutting and Threading Oil for use with all Pipe Threading Machinery. **MADE IN THE U.S.A.**



WD16	Pint - 473 ml	Plastic Container	12	14 lbs. - 6.4 kg	11.96
WD32	Quart - .95 L	Plastic Jug w/Spout	12	27 lbs. - 12.2 kg	16.88
WD1	Gallon - 3.785 L	Plastic Jug w/Spout	6	48 lbs. - 21.8 kg	40.38
WD5	5 Gallon - 18.9 L	Pail w/Handle	1	39 lbs. - 17.7 kg	197.72
WD55	55 Gallon - 208 L	55 Gallon Drum	1	454 lbs. - 205.9 kg	1920.52

RUGGEDCUT LIGHT OIL Lard Base High Speed Cutting and Threading Oil. Sulphur Enriched Industrial Grade. **MADE IN THE U.S.A.**



RL32	Quart - .95 L	Plastic Jug w/Spout	12	27 lbs. - 12.2 kg	19.44
RL1	Gallon - 3.785 L	Plastic Jug w/Spout	6	48 lbs. - 21.8 kg	44.85
RL5	5 Gallon - 18.9 L	Pail w/Handle	1	39 lbs. - 17.7 kg	210.71
RL55	55 Gallon - 208 L	55 Gallon Drum	1	454 lbs. - 205.9 kg	2061.46

RUGGEDCUT DARK OIL Lard Base High Speed Cutting and Threading Oil. Sulphur Enriched Industrial Grade. **MADE IN THE U.S.A.**



RD32	Quart - .95 L	Plastic Jug w/Spout	12	27 lbs. - 12.2 kg	19.44
RD1	Gallon - 3.785 L	Plastic Jug w/Spout	6	48 lbs. - 21.8 kg	44.85
RD5	5 Gallon - 18.9 L	Pail w/Handle	1	39 lbs. - 17.7 kg	210.71
RD55	55 Gallon - 208 L	55 Gallon Drum	1	454 lbs. - 205.9 kg	2061.46

OILS & GREASE

REACH LUBE OIL Clear Oil for Lubricating Electrical Motors, Tools, Hinges, etc. Also cleans and preserves metal. Non-Detergent. **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
LO4	4 fl. oz. - 118 ml	Plastic Bottle & Pull Out Spout	24	7 lbs. - 3.2 kg	5.09



E-Z TURN FAUCET & VALVE HEAT PROOF GREASE Waterproof, High Temperature up to 350° F (176° C) for Lubricating Valve Stems of Faucets, Valves, Ballcocks, Plungers, Packings and Washers. Prevents sticking and rust. **MADE IN THE U.S.A.**

HPG2	2 oz. - 56.7 g	Plastic Container	24	5 lbs. - 2.3 kg	3.56
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PIPE GASKET LUBRICANTS

BLUE LUBE POLYMER-BASED PIPE GASKET LUBE A water-soluble lubricant for all metal or plastic gasketed pipe including Victaulic* type fittings. Works on wet or dry surfaces. Safe for Potable Water Systems. Odorless and Cleans up Easily. Nontoxic, Noncorrosive, Nonflammable. **MADE IN THE U.S.A.**

GLP4	1/4 Pint - 118 ml	Plastic Jar	24	8 lbs. - 3.6 kg	2.83
GLP16	Pint - 473 ml	Plastic Container	24	30 lbs. - 13.6 kg	6.57
GLP32	Quart - .95 L	Plastic Container w/Twist Top Lid	12	28 lbs. - 12.7 kg	9.89
GLP1	Gallon - 3.785 L	Pail w/Handle	4	37 lbs. - 16.8 kg	34.00
GLP5	5 Gallon - 18.9 L	Pail w/Handle	1	45 lbs. - 20.4 kg	143.65
GLP55	55 Gallon - 208 L	55 Gallon Drum	1	500 lbs. - 226.8 kg	1532.36



PIPE SLIME PIPE GASKET LUBE An Emulsified Polymer Based Lubricant that is specially formulated to prevent turbidity, taste, and/or odor problems in new water main installations. Great for use with mechanical couplings. All weather formula is excellent for low-temperature applications. Temperature Range Use: 0°F (-18°C) to 150°F (66°C). **MADE IN THE U.S.A.**

SLIME4	1/4 Pint - 118 ml	Plastic Jar	24	8 lbs. - 3.6 kg	3.82
SLIME16	Pint - 473 ml	Plastic Container	24	30 lbs. - 13.6 kg	6.12
SLIME32	Quart - .95 L	Plastic Container w/Twist Top Lid	12	28 lbs. - 12.7 kg	11.39
SLIME1	Gallon - 3.785 L	Pail w/Handle	4	37 lbs. - 16.8 kg	39.72
SLIME3	3.5 Gallon - 13.25 L	Pail w/Handle	1	32 lbs. - 14.5 kg	125.96
SLIME5	5 Gallon - 18.9 L	Pail w/Handle	1	45 lbs. - 20.4 kg	169.65
SLIME55	55 Gallon - 208 L	55 Gallon Drum	1	500 lbs. - 226.8 kg	1719.16



QUICK SLIP PLUS VEGETABLE OIL-BASED PIPE JOINT LUBRICANT A paste lubricant for all metal or plastic gasketed pipe including Victaulic* type fittings. Works on Wet or Dry Surfaces. Safe for Potable Water Systems. Nontoxic, Noncorrosive, Nonflammable. **MADE IN THE U.S.A.**

QS32	Quart - .95 L	Plastic Container w/Twist Top Lid	12	30 lbs. - 13.6 kg	12.76
QS1	Gallon - 3.785 L	Pail w/Handle	4	34 lbs. - 15.4 kg	41.68
QS5	5 Gallon - 18.9 L	Pail w/Handle	1	46 lbs. - 20.9 kg	201.86
QS55	55 Gallon - 208 L	55 Gallon Drum	1	480 lbs. - 217.7 kg	2149.46



PIPE GASKET LUBRICANT

PIPE GASKET LUBE USAGE CHART - JOINTS PER CONTAINER																				
Nominal (in)	1½	2	2½	3	4	5	6	8	10	12	14	15	16	18	20	21	24	27	30	36
Quart (1 kg)	160	140	120	100	70	56	40	28	20	14	10	8	6	4	3	3	2	2	1	-
Gallon (4 kg)	640	560	480	400	280	225	160	110	80	55	40	32	24	16	12	12	8	6	4	3

*Trademark of Victaulic Company.
 Pallet Quantities for Blue Lube Paste: 1 Pint = 40 Cases, 1 Quart = 32 Cases, 1 Gallon = 45 Cases, 5 Gallon = 32 Pails.
 Pallet Quantities for Pipe Slime and Quick Slip Plus: 1 Pint = 40 Cases, 1 Quart = 32 Cases, 1 Gallon = 45 Cases, 5 Gallon = 32 Pails.

SYSTEM DESCALER

FLOW-AIDE SYSTEM DESCALER Quickly dissolves water scale, lime, rust and other water formed deposits, restoring efficiency to most all appliances. Noncorrosive, Nontoxic, Fully Biodegradable, Safe to Handle, Zero VOC. Certified to NSF/ANSI 60 for use as a cleaner in potable water systems. **MADE IN THE U.S.A.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
FLOW32	Quart - .95 L	Plastic Jug w/Spout	12	30 lbs. - 13.6 kg	22.62
FLOW1	Gallon - 3.785 L	Plastic Jug w/Spout	6	57 lbs. - 25.9 kg	67.65
FLOW5	5 Gallon - 18.9 L	Pail w/Handle	1	48 lbs. - 21.8 kg	254.12
FLOW55	55 Gallon - 208 L	55 Gallon Drum	1	518 lbs. - 235.0 kg	2566.26
FLOW275	275 Gallon - 1041 L	Tote	1	2603 lbs. - 1180.7 kg	CALL FOR PRICE
FLOW32C*	Quart - .95 L	Plastic Jug w/Spout	12	30 lbs. - 13.6 kg	22.62
FLOW1C*	Gallon - 3.785 L	Plastic Jug w/Spout	6	57 lbs. - 25.9 kg	67.65

FLOW-AIDE SYSTEM DESCALER KIT. MADE IN THE U.S.A.

Whitlam's complete descaler kit includes: 1 - 3.5 Gallon Bucket, 1 - 500 GPH Pump, 2 - Rubber Hoses, 1 - Quart FLOW-AIDE (FLOW32)



FLOW-KIT	3.5 Gallon Bucket	1	13 lbs. - 5.9 kg	247.18
FLOW-DISPLAY	Contains: 16 each FLOW32, 6 each FLOW-KIT	1	115 lbs. - 52.2 kg	1844.73
FLOW-KITC*	3.5 Gallon Bucket	1	13 lbs. - 5.9 kg	247.18
FLOW-DISPLAYC*	Contains: 16 each FLOW32C*, 6 each FLOW-KITC*	1	115 lbs. - 52.2 kg	1844.73

FLOW-AIDE COMMERCIAL GRADE SYSTEM DESCALER KIT. MADE IN THE U.S.A.

Whitlam's complete descaler kit includes: 1 - 5 Gallon Bucket, 1 - 1350 GPH Pump, 2 - Rubber Hoses, 1 - Gallon FLOW-AIDE (FLOW1)



FLOW-COM5	5 Gallon Bucket	1	22 lbs. - 10.0 kg	347.04
FLOW-COMD	Contains: 12 each FLOW32, 6 each FLOW1, 3 each FLOW-KIT, 2 each FLOW-COM5	1	173 lbs. - 78.5 kg	2110.03

REPLACEMENT PUMPS FOR FLOW-AIDE SYSTEM DESCALER KITS. Submersible, magnetic drive utility pump with 25 foot power cord.



#EZ-500	500 GPH	Boxed	1	4 lbs. - 1.8 kg	204.26
#EZ-1350	1350 GPH	Boxed	1	7 lbs. - 3.2 kg	260.22

REPLACEMENT FILTER FOR #EZ-500 PUMP

#EZ-FILTER	Boxed	1	1 lbs. - .5 kg	19.25
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REPLACEMENT PUMP COVER FOR #EZ-500 PUMP

#EZ-COVER	Boxed	1	1 lbs. - .5 kg	18.66
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REPLACEMENT HOSES FOR FLOW-AIDE SYSTEM DESCALER KIT Rubber hoses with brass connectors. **MADE IN THE U.S.A.**



#500	60" - 1.5 m Male and Female Ends	Boxed	1	1 lb. - .5 kg	12.26
#501	60" - 1.5 m Two Female Ends	Boxed	1	1 lb. - .5 kg	12.78

FLOW-COMD Contains:
12 each FLOW32
6 each FLOW1
3 each FLOW-KIT
and
2 each FLOW-COM5
Display ships fully assembled



Stock Code:
FLOW-COMD



Stock Code:
FLOW-DISPLAY

FLOW-DISPLAY Contains:
16 each FLOW32
and
6 each FLOW-KIT
Display ships fully assembled

HAND CLEANERS

TOUGH-BOY 10" x 12" TOWELS 70 Count Roll of Wiping Towels for Removal of Dirt, Paint and Adhesives. Works great on removing: plumbing cement, urethane foam, pond dye, epoxy, silicone sealant, acrylic spray paint, varnish, rubber cement and latex paint.



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
TFB80	10" x 12" 25.40 cm x 30.48 cm	Plastic Dispenser	6	15 lbs. - 6.8 kg	33.28
TFB80A	33" high x 17-1/2" wide x 17-1/2" deep 83.8 cm high x 44.5 cm wide x 44.5 cm deep	Plastic Dispenser (Display Tower)	36	90 lbs. - 40.8 kg	1139.42

TALON HAND CLEANER Citrus Lotion Hand Cleaner with Lanolin and Walnut Scrubbers. Industrial Strength. Removes Grease, Grime and Dirt Easily. **MADE IN THE U.S.A.**



THC4	4 fl. oz. - 118 ml	Plastic Container	24	8 lbs. - 3.6 kg	3.60
THC16	16 fl. oz. - 473 ml	Plastic Container (Display Box)	12	16 lbs. - 7.3 kg	9.65
THC1	Gallon - 3.785 L	Plastic Jug w/Spout	6	58 lbs. - 26.3 kg	40.55
THC1D		Dispenser for THC1 (Pumper)	1	1 lb. - 0.5 kg	10.43

GLUE-WASH HAND CLEANER Lanolized Hand Cleaner. Safely Removes PVC, ABS, CPVC, Foam, Vinyl Cements, Silicone Sealants and Paints from Skin. **MADE IN THE U.S.A.**

GW4	4 fl. oz. - 118 ml	Plastic Container	24	9 lbs. - 4.1 kg	4.36
GW16	16 fl. oz. - 473 ml	Plastic Container (Display Box)	12	16 lbs. - 7.3 kg	12.05

DRAIN OPENERS & DRAIN CLEANERS

TALON DRAIN OPENER* Non-acid flake drain opener for clearing grease, hair, soap, oils, and other organic matter from drains. Hot water activated. Works in less than 60 seconds. Will not harm chrome, polished brass or plastic. Safe for septic tanks. **MADE IN THE U.S.A.**
For professional use only. Not for retail sale.



TDC1	1 lb. - 454 g	Plastic Container**	24	33 lbs. - 15.0 kg	12.12
TDC2	2 lbs. - 907 g	Plastic Container**	12	32 lbs. - 14.5 kg	22.69

NOW! H₂SO₄ DRAIN PIPE OPENER* A powerful sulfuric acid. This product is ideal for dissolving organic matter, melting heavy grease deposits and opening clogged drains. **MADE IN THE U.S.A.**
Do not use in toilets. For professional use only. Not for retail sale.



NW32	Quart - .95 L	Plastic Jug w/Spout**	12	50 lbs. - 22.7 kg	17.53
NW64	1/2 Gallon - 1.89 L	Plastic Jug w/Spout**	6	47 lbs. - 21.3 kg	30.19

QUIK! HCL - RUST, LIME, CONCRETE and SCALE REMOVER* Removes rust, lime, concrete and scale from air conditioning equipment, refrigerator drains, water piping, boilers, water pump condensers, water sealed blowers, etc. Will not dissolve grease. Harmless to pipes. **MADE IN THE U.S.A.**
For professional use only. Not for retail sale.

QK32	Quart - .95 L	Plastic Jug w/Spout**	12	34 lbs. - 15.4 kg	16.52
QK1	Gallon - 3.785 L	Plastic Jug w/Spout**	4	43 lbs. - 19.5 kg	45.25

SURE! WASTE EMULSIFIER Dissolves grease and slime and controls unpleasant odors in septic tanks, cesspools, grease traps, drainfields, filter beds, lagoons, settling tanks, manure tanks and pits, and drain and waste lines. Can also be used to clean and deodorize garbage cans, tools, machinery, equipment and garage floors. **MADE IN THE U.S.A.**



SUR32	Quart - .95 L	Metal Can	12	31 lbs. - 14.1 kg	30.52
SUR1	Gallon - 3.785 L	Metal Can w/Handle	6	50 lbs. - 22.7 kg	95.20
SUR5	5 Gallon - 18.9 L	Metal Pail	1	48 lbs. - 21.8 kg	430.88
SUR55	55 Gallon - 208 L	55 Gallon Drum	1	518 lbs. - 235.0 kg	3641.65

*D.O.T. Classified Shipping Items. See Page 38. **Childproof Caps.

FLANGE BOLTS, HEX NUTS & WASHERS



FB101

BA400

BA401

BA100

FB102

TB200

SOLID BRASS TOILET FLANGE BOLT SETS (POLY BAGGED) Each Bag Contains 2 Each Solid Brass Flange Bolts, Brass Plated Open End Acorn Hex Nuts and Plated Steel Round Washers.

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
FB101	1/4" x 2-1/4" - .6 cm x 5.7 cm	Bagged	50	5 lbs. - 2.3 kg	2.48
FB101-D*	1/4" x 2-1/4" - .6 cm x 5.7 cm	Bagged	50	7 lbs. - 3.2 kg	2.73
FB102	5/16" x 2-1/4" - .8 cm x 5.7 cm	Bagged	50	8 lbs. - 3.6 kg	3.18
FB102-D*	5/16" x 2-1/4" - .8 cm x 5.7 cm	Bagged	50	10 lbs. - 4.5 kg	3.53
FB103	1/4" x 3-1/2" - .6 cm x 8.9 cm	Bagged	50	7 lbs. - 3.2 kg	3.37
FB103-D*	1/4" x 3-1/2" - .6 cm x 8.9 cm	Bagged	50	9 lbs. - 4.1 kg	3.70

SOLID BRASS TOILET FLANGE BOLT SETS (BULK PACKED) Each Carton Contains 100 Bagged Solid Brass Flange Bolts, 100 Bagged Brass Plated Open End Acorn Hex Nuts and 100 Bagged Plated Steel Round Washers. Priced per set.

FB201	1/4" x 2-1/4" - .6 cm x 5.7 cm	Boxed	100	5 lbs. - 2.3 kg	1.13
FB202	5/16" x 2-1/4" - .8 cm x 5.7 cm	Boxed	100	6 lbs. - 2.7 kg	1.53
FB203	1/4" x 3-1/2" - .6 cm x 8.9 cm	Boxed	100	6 lbs. - 2.7 kg	1.58

BRASS PLATED STEEL TOILET FLANGE BOLT SETS (POLY BAGGED) Each Bag Contains 2 Each Brass Plated Steel Flange Bolts, Plated Steel Open End Acorn Hex Nuts and Plated Steel Round Washers.

FB300	1/4" x 2-1/4" - .6 cm x 5.7 cm	Bagged	50	6 lbs. - 2.7 kg	1.42
FB300-D*	1/4" x 2-1/4" - .6 cm x 5.7 cm	Bagged	50	8 lbs. - 3.6 kg	1.75
FB301	5/16" x 2-1/4" - .8 cm x 5.7 cm	Bagged	50	7 lbs. - 3.2 kg	1.60
FB301-D*	5/16" x 2-1/4" - .8 cm x 5.7 cm	Bagged	50	9 lbs. - 4.1 kg	1.91

BRASS PLATED STEEL TOILET FLANGE BOLT SETS (BULK PACKED) Each Carton Contains 100 Bagged Brass Plated Steel Flange Bolts, 100 Bagged Plated Steel Open End Acorn Hex Nuts and 100 Bagged Plated Steel Round Washers. Priced per set.

FB400	1/4" x 2-1/4" - .6 cm x 5.7 cm	Boxed	100	5 lbs. - 2.3 kg	0.64
FB401	5/16" x 2-1/4" - .8 cm x 5.7 cm	Boxed	100	5 lbs. - 2.3 kg	0.76

BREAK-A-WAY SOLID BRASS TOILET FLANGE BOLT SETS (POLY BAGGED) Each Bag Contains 2 Each Break-A-Way Solid Brass Flange Bolts, Plated Steel Open End Acorn Hex Nuts, Plated Steel Round Washers and Plated Steel Oval Washers.

BA100	1/4" x 2-1/4" - .6 cm x 5.7 cm	Bagged	50	6 lbs. - 2.7 kg	3.28
BA100-D*	1/4" x 2-1/4" - .6 cm x 5.7 cm	Bagged	50	8 lbs. - 3.6 kg	3.89
BA101	5/16" x 2-1/4" - .8 cm x 5.7 cm	Bagged	50	9 lbs. - 4.1 kg	4.38
BA101-D*	5/16" x 2-1/4" - .8 cm x 5.7 cm	Bagged	50	11 lbs. - 5.0 kg	4.45

BREAK-A-WAY SOLID BRASS TOILET FLANGE BOLT SETS (BULK PACKED) Each Carton Contains 100 Bagged Break-A-Way Solid Brass Flange Bolts, 100 Bagged Plated Steel Open End Acorn Hex Nuts, 100 Bagged Plated Steel Round Washers and 100 Bagged Plated Steel Oval Washers. Priced per set.

BA200	1/4" x 2-1/4" - .6 cm x 5.7 cm	Boxed	100	6 lbs. - 2.7 kg	1.84
BA201	5/16" x 2-1/4" - .8 cm x 5.7 cm	Boxed	100	9 lbs. - 4.1 kg	2.29

BREAK-A-WAY SOLID BRASS TOILET FLANGE BOLT SETS WITH BRASS CAPTIVE ROUND WASHER (POLY BAGGED) Each Bag Contains 2 Each Solid Brass Break-A-Way Flange Bolts with Brass Captive Round Washer, Solid Brass Round Washers and 9/16" (1.45 cm) Solid Brass Open End Acorn Hex Nuts. **MADE IN THE U.S.A.**

BA400	1/4" x 2-1/4" - .6 cm x 5.7 cm	Bagged	50	6 lbs. - 2.7 kg	4.26
BA401	5/16" x 2-1/4" - .8 cm x 5.7 cm	Bagged	50	9 lbs. - 4.1 kg	5.49

OPEN END ACORN HEX NUTS BRASS PLATED (BULK PACKED) Each Carton Contains 100 Brass Plated Open End Acorn Hex Nuts.

AN100	1/4" x 7/16" - .6 cm x 1.09 cm	Boxed	100	2 lbs. - 0.9 kg	0.19
AN101	5/16" x 9/16" - .8 cm x 1.4 cm	Boxed	100	3 lbs. - 1.4 kg	0.26

PLATED STEEL WASHERS (BULK PACKED) Each Carton Contains 100 Round or Oval Plated Steel Washers.

WR100	.042 Round - .11 cm Round	Boxed	100	1 lb. - 0.5 kg	0.19
WR200	.042 Oval - .11 cm Oval	Boxed	100	1 lb. - 0.5 kg	0.19

*WITH DOUBLE NUT AND DOUBLE WASHER. ALSO AVAILABLE WITH 2 ROUND PLASTIC RETAINER WASHERS IN PLACE OF DOUBLE NUT AND DOUBLE WASHER, AT NO ADDITIONAL COST. REPLACE "D" WITH "R" WHEN ORDERING SETS WITH RETAINER WASHERS.



WAX RINGS, TANK BOLTS & GASKETS

REGULAR WAX RINGS Full size wax ring.
FLANGED WAX RINGS Extra long flange is excellent for built-up floors.

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
S1WR	Regular Wax Ring	Boxed	48	23 lbs. - 10.4 kg	1.58
S1WS	Flanged Wax Ring	Boxed	24	15 lbs. - 6.8 kg	1.82

Fits 3" (7.62 cm) and 4" (10.16 cm) drains. Meets U.S. Federal Specification TT-P-1536A. Fits All Standard Drains.

FLEX-O-SEAL JUMBO REGULAR WAX RING Extra thick wax ring.
FLEX-O-SEAL JUMBO FLANGED WAX RING Extra thick wax with extra long flange.

FOS1RJ	Jumbo Regular Wax Ring	Boxed	24	14 lbs. - 6.4 kg	3.56
FOS1SJ	Jumbo Flanged Wax Ring	Boxed	20	12 lbs. - 5.4 kg	3.82

Jumbo Bowl Setting Wax Rings fit 3" (7.62 cm) and 4" (10.16 cm) drains. 40% more wax than regular ring. Saves labor time on installations and makes for a more positive seal.

FLEX-O-SEAL REGULAR WAX RINGS WITH BRASS BOLT KIT
FLEX-O-SEAL FLANGED WAX RINGS WITH BRASS BOLT KIT Premium prepackaged kits.

FOS1RB	Regular with 1/4" x 2-1/4" Bolt Kit	Boxed	48	26 lbs. - 11.8 kg	5.06
FOS1RB-D*	Regular with 1/4" x 2-1/4" Bolt Kit (Double Nut / Double Washer)	Boxed	48	29 lbs. - 13.2 kg	5.35
FOS1SB	Flanged with 1/4" x 2-1/4" Bolt Kit	Boxed	24	18 lbs. - 8.2 kg	6.00
FOS1SB-D*	Flanged with 1/4" x 2-1/4" Bolt Kit (Double Nut / Double Washer)	Boxed	24	20 lbs. - 9.1 kg	6.26

Standard Bowl Setting Wax Rings are boxed with bolt kit that contains: 1 each FB101 (Poly Bagged 2 each 1/4" x 2-1/4" Solid Brass Flange Bolts, Brass Plated Open End Acorn Hex Nuts and Plated Steel Round Washers). *With double nut and double washer.

FLEX-O-SEAL REGULAR WAX RINGS WITH DOUBLE NUT/DOUBLE WASHER BOLT KIT
FLEX-O-SEAL FLANGED WAX RINGS WITH DOUBLE NUT/DOUBLE WASHER BOLT KIT Economical prepackaged kits with extra nuts/washers.

FOS1RP-D*	Regular with 1/4" x 2-1/4" Bolt Kit (Double Nut / Double Washer)	Boxed	48	31 lbs. - 14.1 kg	4.48
FOS1SP-D*	Flanged with 1/4" x 2-1/4" Bolt Kit (Double Nut / Double Washer)	Boxed	24	18 lbs. - 8.2 kg	5.06

Standard Bowl Setting Wax Rings are boxed with bolt kit that contains: 1 each FB300-D (Poly Bagged 2 Each Brass Plated Steel Flange Bolts, 4 Each Plated Steel Open End Acorn Hex Nuts and 4 Each Plated Steel Round Washers.)

FLEX-O-SEAL REGULAR WAX RING WITH URETHANE Full size wax ring.
FLEX-O-SEAL FLANGED WAX RING WITH URETHANE Extra long flange is excellent for built-up floors.

FOS1RU	Regular Wax Ring with Urethane	Boxed	48	29 lbs. - 13.2 kg	4.26
FOS1SU	Flanged Wax Ring with Urethane	Boxed	24	16 lbs. - 7.3 kg	4.83

This is a urethane gasket made of tough, flexible urethane foam, which is completely impregnated with wax. Combined with the plastic flange, it produces the strongest leakproof gasket on the market.

FLEX-O-SEAL URINAL GASKET REINFORCED WITH URETHANE Fits 2" outlet. Guaranteed for 10 years.

FOS2U	Urinal Gasket with Urethane	Boxed	12	5 lbs. - 2.3 kg	4.43
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TANK TO BOWL BOLT SETS (POLY BAGGED) Each Bag Contains 2 Each Solid Brass Tank Bolts, 4 Rubber Washers, 4 Brass Round Washers.

TB100	5/16" x 3" - .8 cm x 7.6 cm	Bagged	25	6 lbs. - 2.7 kg	8.10
TB200	5/16" x 3" - .8 cm x 7.6 cm	Bagged	25	7 lbs. - 3.2 kg	8.10

SPONGE RUBBER TANK TO BOWL GASKET (BULK PACKED) Standard Size. Tank to Bowl Gasket Fits Most Close-Coupled Toilets.

GK100	Universal	Boxed	25	2 lbs. - 0.9 kg	2.19
GK200	Universal	Boxed	100	8 lbs. - 3.6 kg	2.12

SPONGE RUBBER BOWL GASKET AND BOLT KIT (POLY BAGGED) Each Bag Contains 1 Sponge Rubber Gasket, 2 Each Solid Brass Tank Bolts, 4 Rubber Washers, 4 Brass Round Washers. Tank to Bowl Gasket Fits Most Close-Coupled Toilets.

TBG10	5/16" x 3" - .8 cm x 7.6 cm	Boxed	25	8 lbs. - 3.6 kg	9.25
TBG20	5/16" x 3" - .8 cm x 7.6 cm	Boxed	25	9 lbs. - 4.1 kg	9.25

Pallet Quantities for Wax Rings: S1WR = 84 Cases, S1WS = 84 Cases.

*WITH DOUBLE NUT AND DOUBLE WASHER. ALSO AVAILABLE WITH 2 ROUND PLASTIC RETAINER WASHERS IN PLACE OF DOUBLE NUT AND DOUBLE WASHER, AT NO ADDITIONAL COST. REPLACE "D" WITH "R" WHEN ORDERING SETS WITH RETAINER WASHERS.



Plus 2 Brass Hex Nuts and 2 Wing Nuts



Plus 4 Brass Hex Nuts



Plus 2 Brass Hex Nuts and 2 Wing Nuts



Plus 4 Brass Hex Nuts



ANTI-FREEZE & TEST KIT



FREEZE-FIGHTER ANTI-FREEZE CONCENTRATE Nontoxic, Aqua Blue Color Anti-Freeze for Protecting Heating, Cooling, Pool and Potable Water Systems. Burst Protection to -100° F (-73° C). Freeze Protection to -60° F (-51° C). **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
FF1	Gallon - 3.785 L	Plastic Jug w/Spout	6	57 lbs. - 25.9 kg	53.98
FF5	5 Gallon - 18.9 L	Pail w/Handle	1	44 lbs. - 20.0 kg	252.95
FF55	55 Gallon - 208 L	55 Gallon Drum	1	515 lbs. - 233.6 kg	2662.12
FF275	275 Gallon - 1041 L	275 Gallon Tote	1	2575 lbs. - 1168 kg	CALL FOR PRICE



FREEZE-POINT -100 ANTI-FREEZE SOLUTION Nontoxic, Blue Color Anti-Freeze for Protecting Heating, Cooling, Pool and Potable Water Systems. Burst Protection to -100° F (-73° C). Freeze Protection to -50° F (-46° C). **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
FP1	Gallon - 3.785 L	Plastic Jug w/Spout	6	58 lbs. - 26.3 kg	42.45
FP5	5 Gallon - 18.9 L	Pail w/Handle	1	45 lbs. - 20.4 kg	186.88
FP55	55 Gallon - 208 L	55 Gallon Drum	1	515 lbs. - 233.6 kg	1917.04
FP275	275 Gallon - 1041 L	275 Gallon Tote	1	2575 lbs. - 1168 kg	CALL FOR PRICE



FREEZE-FIGHTER ANTI-FREEZE SOLUTION Nontoxic, Pink Color Anti-Freeze for Protecting Heating, Cooling, Pool and Potable Water Systems. Burst Protection to -50° F (-46° C). Freeze Protection to -15° F (-26° C). **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
AF1	Gallon - 3.785 L	Plastic Jug w/Spout	6	57 lbs. - 25.9 kg	31.09
AF5	5 Gallon - 18.9 L	Pail w/Handle	1	44 lbs. - 20.0 kg	147.49
AF55	55 Gallon - 208 L	55 Gallon Drum	1	500 lbs. - 226.8 kg	1526.03
AF275	275 Gallon - 1041 L	275 Gallon Tote	1	2500 lbs. - 1134 kg	CALL FOR PRICE



SOLAR HI-TEMP HEAT TRANSFER FLUID AND ANTI-FREEZE SOLUTION Nontoxic, Blue Color Glycerin Based, Heat Transfer Fluid and Anti-Freeze Solution with special anti-corrosion inhibitors and color indicators, that provides heat transfer up to 356° F (180° C). Burst protection to -50° F (-46° C). Freeze protection to -15° F (-26° C). Recommended for vacuum tube solar collectors. **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
SH1	Gallon - 3.785 L	Plastic Jug w/Spout	6	62 lbs. - 28.1 kg	57.89
SH5	5 Gallon - 18.9 L	Pail w/Handle	1	51 lbs. - 23.1 kg	272.57
SH55	55 Gallon - 208 L	55 Gallon Drum	1	580 lbs. - 263.1 kg	2870.69
SH275	275 Gallon - 1041 L	275 Gallon Tote	1	2900 lbs. - 1315 kg	CALL FOR PRICE



FROST-PROOF PG38 ANTI-FREEZE Nontoxic, propylene glycol based Anti-Freeze for all types of wet fire sprinkler systems, excluding CPVC, that provides burst protection to -50° F (-46° C). **FROST-PROOF PG38** is a 38% pre-blend that conforms to NFPA standards to allow for direct replacement of Anti-Freeze in the system. No dilution is required. **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
FPPG1	Gallon - 3.785 L	Plastic Jug w/Spout	6	57 lbs. - 25.9 kg	30.73
FPPG5	5 Gallon - 18.9 L	Pail w/Handle	1	44 lbs. - 20.0 kg	147.49
FPPG55	55 Gallon - 208 L	55 Gallon Drum	1	500 lbs. - 226.8 kg	1525.58
FPPG275	275 Gallon - 1041 L	275 Gallon Tote	1	2500 lbs. - 1134 kg	CALL FOR PRICE



FROST-PROOF GL48 ANTI-FREEZE Nontoxic, glycerine based Anti-Freeze for all types of wet fire sprinkler systems, including CPVC, that provides burst protection to -50° F (-46° C). **FROST-PROOF GL48** is a 48% pre-blend that conforms to NFPA standards to allow for direct replacement of Anti-Freeze in the system. No dilution is required. Formulated and approved for Wet BlazeMaster® and FlameGuard® CPVC Systems. **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
FPGL1	Gallon - 3.785 L	Plastic Jug w/Spout	6	57 lbs. - 25.9 kg	43.49
FPGL5	5 Gallon - 18.9 L	Pail w/Handle	1	44 lbs. - 20.0 kg	211.70
FPGL55	55 Gallon - 208 L	55 Gallon Drum	1	500 lbs. - 226.8 kg	2230.03
FPGL275	275 Gallon - 1041 L	275 Gallon Tote	1	2500 lbs. - 1134 kg	CALL FOR PRICE



TEST KIT Easy dip and read Test Strips for Accurate Freeze Point Readings. For use with Freeze-Fighter, Freeze-Point -100 and Solar Hi-Temp Anti-Freeze. Comparison Chart Included.



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
TK1	10 Strips Per Pack 6 Packs Per Case	Bagged & Boxed	6	1 lb. - 0.5 kg	24.43

Pallet Quantities for Anti-Freeze: 1 Gallon = 27 Cases, 5 Gallon = 32 Pails
Contact J.C. Whitlam Manufacturing for custom blends and private label opportunities.
BlazeMaster® is a licensed trademark of The Lubrizol Corporation.
FlameGuard® is a registered trademark of Spears Manufacturing Company.

LEAK DETECTORS, CEMENTS, SEALERS & CLEANERS

BIG BUBBLE GAS LEAK DETECTOR Noncorrosive, Nonfreezing, Nontoxic **Fluorescent Yellow** Leak Detector for Natural Gas, Refrigeration, Nitrogen, Air, Carbon Dioxide and other Pressurized Gases. **MADE IN THE U.S.A.** Not recommended for oxygen systems.



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
LD1OZ	1 oz. - 29.6 ml	Yorker Bottle	36	4 lbs. - 1.8 kg	3.04
LD8	1/2 Pint - 237 ml	Dauber Top Container	24	16 lbs. - 7.3 kg	8.48
LD1	Gallon - 3.785 L	Plastic Jug w/Spout	6	55 lbs. - 24.9 kg	39.13
LD5	5 Gallon - 18.9 L	Pail w/Handle	1	42 lbs. - 19.1 kg	179.98
LD55	55 Gallon - 208 L	55 Gallon Drum	1	502 lbs. - 227.7 kg	1772.59

BIG BUBBLE GAS LEAK DETECTOR / SPECIAL SPRAY FORMULA Noncorrosive, Nonfreezing, Nontoxic **Iridescent Blue** Leak Detector for Natural Gas, Refrigeration, Nitrogen, Air, Carbon Dioxide and other Pressurized Gases. Temperature Range: -10°F (-23°C) to 180°F (82°C). **MADE IN THE U.S.A.** Not recommended for oxygen systems. **SEE PAGE 24 FOR SPRAYERS.**



LDS	Pint - 473 ml	Container w/Sprayer* (Display Box)	12	16 lbs. - 7.3 kg	15.93
LDS16	Pint - 473 ml	Plastic Container	12	15 lbs. - 6.8 kg	10.12
LDS32	Quart - .95 L	Container w/Sprayer	12	31 lbs. - 14.1 kg	19.37
LDS1	Gallon - 3.785 L	Plastic Jug w/Spout	6	55 lbs. - 24.9 kg	39.13
LDS5	5 Gallon - 18.9 L	Pail w/Handle	1	42 lbs. - 19.1 kg	179.98
LDS55	55 Gallon - 208 L	55 Gallon Drum	1	502 lbs. - 227.7 kg	1772.59

*Sprayers Packed Separate

HEAT-TYTE FURNACE CEMENT Asbestos Free, Gray, High Heat Type Furnace Cement. Temperature Rating 0° F to 3000° F (-18° C to 1649° C). **MADE IN THE U.S.A.**



HT64	1/2 Gallon - 1.89 L	Plastic Pail w/Handle	6	44 lbs. - 20.0 kg	25.77
HT1	Gallon - 3.785 L	Plastic Pail w/Handle	4	60 lbs. - 27.2 kg	42.90

SEAL-TYTE BOILER SEALER Liquid Boiler Sealer for all Steam Systems. Fills and Seals Holes and Cracks in Steam Boilers. **MADE IN THE U.S.A.** Not for use in boilers containing Anti-Freeze.



STS32	Quart - .95 L	Plastic Jug w/Spout	12	40 lbs. - 18.1 kg	21.32
STS1	Gallon - 3.785 L	Plastic Jug w/Spout	6	57 lbs. - 25.9 kg	64.52

ALL PURPOSE BOILER CLEANER AND TREATMENT Cleans all Dirty Boilers and Controls Sludge, Corrosion, Scale and Foaming. **MADE IN THE U.S.A.** Not for use in boilers containing Anti-Freeze.



BT32	Quart - .95 L	Plastic Jug w/Spout	12	32 lbs. - 14.5 kg	18.78
BT1	Gallon - 3.785 L	Plastic Jug w/Spout	6	57 lbs. - 25.9 kg	58.57

SLUDGE • B • GONE** Liquid Fuel Oil Additive. Dissolves Sludge and Water in All Fuel Oils. **MADE IN THE U.S.A.**



SBG32	Quart - .95 L	Plastic Jug w/Spout	12	26 lbs. - 11.8 kg	16.66
SBG1	Gallon - 3.785 L	Metal Can w/Handle	4	52 lbs. - 23.6 kg	58.50

**D.O.T. Classified Shipping Items. See Page 38.



CHEMICALS



LEAK LOCK A resin based soft setting brushable paste pipe joint compound resistant to all refrigerants, oils, water and most chemicals, liquids and gases. **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
HS10001	1-1/3 oz. - 39 ml	Plastic Tube	12	2 lbs. - .9 kg	8.50
HS10004	4 oz. - 118 ml	Plastic Bottle w/Brush Top	12	6 lbs. - 2.7 kg	23.23
HS10016	16 oz. - 473 ml	Plastic Jar w/Brush Top	12	19 lbs. - 8.6 kg	61.93
HS10128	Gallon - 3.785 L	Can	1	12 lbs. - 5.4 kg	521.06



LEAK LOCK GOLD with Teflon® A resin based soft setting brushable paste pipe joint compound with Teflon® resistant to all refrigerants, oils, water and most chemicals, liquids and gases. **MADE IN THE U.S.A.**

HS11001	1-1/3 oz. - 39 ml	Plastic Tube	12	2 lbs. - .9 kg	9.23
HS11004	4 oz. - 118 ml	Plastic Bottle w/Brush Top	12	5 lbs. - 2.3 kg	24.19
HS11016	16 oz. - 473 ml	Plastic Jar w/Brush Top	12	17 lbs. - 7.7 kg	61.25
HS11128	Gallon - 3.785 L	Can	1	12 lbs. - 5.4 kg	535.60



HEAT SHIELD All-Temperature Barrier Spray prevents heat damage to nearby components during soldering, brazing or welding. Its unique no-drip formula sprays on as a gel and evaporates within 24 to 48 hours without staining. For use on all surfaces including but not limited to: wood, insulation, valves, piping and drywall. **MADE IN THE U.S.A.**

HS31032	32 oz. - .95 L	Spray Bottle	12	30 lbs. - 13.6 kg	23.77
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THREADLOCKER™ Multipurpose threadlocker can be used on all metals or plastics. Prevents loosening from shock and vibration. Single component. Nontoxic. **MADE IN THE U.S.A.**

HS13001	0.5 oz. - 15 ml	Plastic Tube	12	2 lbs. - .9 kg	12.59
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TRACE 2 A Red Dye, Fluorescent Tracer Type Internal Leak Detector for refrigeration, air conditioning and hydraulic systems. It is a concentrated dye penetrant with a fluorescent additive in a Polyol Ester lubricant base. TRACE 2 is designed to be **UNIVERSAL COMPATIBLE** in all refrigerants and refrigeration lubricants, including all CFC's, HFC's and HCFC's. **MADE IN THE U.S.A.**

HS21004	4 oz. - 118 ml	Plastic Bottle	12	4 lbs. - 1.8 kg	16.94
HS21016	16 oz. - 473 ml	Plastic Bottle	6	8 lbs. - 3.6 kg	50.87
HS21128	Gallon - 3.785 L	Can	1	9 lbs. - 4.1 kg	293.02



TRACE A Red Dye, Fluorescent Tracer Type Internal Leak Detector for refrigeration, air conditioning and hydraulic systems. It is a concentrated dye penetrant with a fluorescent additive in a mineral oil base. TRACE is designed for use in systems using mineral oil or alkbenzene as a lubricant. **MADE IN THE U.S.A.**

HS20004	4 oz. - 118 ml	Plastic Bottle	12	4 lbs. - 1.8 kg	16.94
HS20016	16 oz. - 473 ml	Plastic Bottle	6	7 lbs. - 3.2 kg	28.78
HS20128	Gallon - 3.785 L	Can	1	8 lbs. - 3.6 kg	181.34



HYDRO TRACE A Red Dye, Fluorescent Tracer Type Internal Leak Detector for any closed system containing water and/or anti-freeze compounds such as propylene glycol and ethylene glycol. **MADE IN THE U.S.A.**

HS26004	4 oz. - 118 ml	Plastic Bottle	12	4 lbs. - 1.8 kg	10.71
HS26016	16 oz. - 473 ml	Plastic Bottle	6	7 lbs. - 3.2 kg	15.16
HS26128	Gallon - 3.785 L	Jug	6	52 lbs. - 23.6 kg	80.92



RED EPOXY High Performance, Heat Cured, Two Part, Epoxy Kit. Cures with a hot air gun or open flame in minutes. Oil, Gas, Fuel and Solvent Resistant. **MADE IN THE U.S.A.**

HS12001	2 part epoxy in Plastic Jar (Kit)		12	3 lbs. - 1.4 kg	23.49
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SOLDERLENE Non-Acid Soldering Flux. Effective on all metals except aluminum and magnesium. **MADE IN THE U.S.A.**

HS30004	4 oz. - 118 ml	Plastic Jar w/Brush Top	12	5 lbs. - 2.3 kg	8.40
HS30016	16 oz. - 473 ml	Plastic Jar w/Brush Top	12	15 lbs. - 6.8 kg	21.13

THAWZONE Liquid Dehydrant for the control of moisture in refrigeration systems. Thawzone chemically "dries" ALL refrigerants, such as R-12, R-22, R-134A, etc. CFC, HFC and HCFC refrigerants, and those containing methyl chloride and methylene chloride. **MADE IN THE U.S.A.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
HS17001	1 oz. - 30 ml	Plastic Bottle	24	3 lbs. - 1.4 kg	6.52
HS17004	4 oz. - 118 ml	Plastic Bottle	12	4 lbs. - 1.8 kg	14.10
HS17016	16 oz. - 473 ml	Plastic Bottle	6	7 lbs. - 3.2 kg	41.89

OIL CHECKER Two step kit to identify refrigeration and air conditioning lubricants. Kit can identify mineral oil, alkylbenzene and polyol ester. **MADE IN THE U.S.A.**



HS16501	2 oil test in 4 oz. Plastic Jar	12	3 lbs. - 1.4 kg	25.37
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THE ACID TEST For detecting the presence and formation of acid in air conditioning and refrigeration systems. **MADE IN THE U.S.A.**



HS16001	4 test vials in 4 oz. Plastic Jar	12	3 lbs. - 1.4 kg	27.20
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ACID NEUTRALIZER Chemically neutralize and prevent acids that are formed in air conditioning and refrigeration systems due to refrigerant and refrigeration oil break down, moisture and compressor burnout. **MADE IN THE U.S.A.**



HS18004	4 oz. - 118 ml	Plastic Bottle	12	4 lbs. - 1.8 kg	38.10
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SUPER FLUSH Biodegradable internal coil cleaner and system flush. Removes gum, soot, moisture, sludge, grease, tar, particles, debris, organic acids, mineral acids, and carbon deposits. **MADE IN THE U.S.A.**



HS55032	32 oz. - .95 L	Plastic Bottle	12	26 lbs. - 11.8 kg	33.72
HS55128	Gallon - 3.785 L	Plastic Jug	6	53 lbs. - 24.0 kg	113.70

EV COIL MAX Powerful coil cleaner in powder form. Contains high performance corrosion inhibitors to help prevent future corrosion of the metals on both evaporator and condenser coils. **MADE IN THE U.S.A.**



HS56008	11.25 oz. - 333 ml	Plastic Jar	12	14 lbs. - 6.4 kg	18.90
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HL COIL BRITE High performance coil cleaner in a powder form. Acid based coil cleaner formulated to thoroughly clean the toughest coils using a controlled foaming action. **MADE IN THE U.S.A.**



HS57014	14 oz. - 414 ml	Plastic Jar	12	12 lbs. - 5.4 kg	22.43
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HD JET FOAMER Heavy duty alkaline based foaming aerosol coil cleaner. **MADE IN THE U.S.A.**



HS59520	20 oz. - 591 ml	Aerosol Can	12	19 lbs. - 8.6 kg	18.71
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ICE MAX High Performance, environmentally friendly ice machine cleaner and powerful scale remover in powder form. **MADE IN THE U.S.A.**



HS50004	4.4 oz. - 130 ml	Plastic Jar	12	5 lbs. - 2.3 kg	12.85
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FILTER FAN & VENT CLEANER Heavy duty cleaner specifically formulated for the heating, ventilation, air-conditioning and refrigeration industry. **MADE IN THE U.S.A.**



HS52032	32 oz. - .95 L	Plastic Spray Bottle	12	31 lbs. - 14.1 kg	30.40
HS52128	Gallon - 3.785 L	Plastic Jug Refill	6	55 lbs. - 24.9 kg	100.97

SCREWDRIVERS

"6 IN 1" SLOTTED/PHILLIPS™ SCREWDRIVER* All the drives of a "4 IN 1" plus: 1/4" (.64 cm) and 5/16" (.79 cm) nut drivers. Reversible Bits, Slotted 4-5 and Phillips™ #1 and Slotted 8-10 and Phillips™ #2. Stress relieved blast finished bits. Chrome / Nickel plated nut drivers and inner handle receptacle. **The Professional Choice.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#4	Slotted Bits 4-5 and 8-10 and Phillips™ #1 and #2	Display Box	12	5 lbs. - 2.3 kg	14.22
#4A	Slotted Bits 4-5 and 8-10 and Phillips™ #1 and #2	Display Box	12**	5 lbs. - 2.3 kg	14.22

**Special order 72 or more "6 IN 1" screwdrivers of the #4A and have your company name imprinted on the handle (up to 27 characters). High visibility handle. Allow 3 weeks for delivery. Guaranteed sale on special imprinted screwdrivers does not apply.

REPLACEMENT BITS FOR #4, #4A. * #41 - Reversible Bit, Slotted 4-5 and Phillips™ #1. #42 - Reversible Bit, Slotted 8-10 and Phillips™ #2.



#41	Slotted 4-5 and Phillips™ #1	Boxed	10	1 lb. - 0.5 kg	4.48
#42	Slotted 8-10 and Phillips™ #2	Boxed	10	1 lb. - 0.5 kg	4.48

"6 IN 1" SLOTTED/PHILLIPS™ SCREWDRIVER* All the drives of a "4 IN 1" plus: 1/4" (.64 cm) and 5/16" (.79 cm) nut drivers. Reversible Bits, Slotted 4-5 and 8-10, and Phillips™ #1 and #2. Cushion Grip. Stress relieved blast finished bits. Chrome / Nickel plated nut drivers and inner handle receptacle. **The Professional Choice.**



#5	Slotted Bits 4-5 and 8-10 and Phillips™ #1 and #2	Display Box	12	6 lbs. - 2.7 kg	17.30
#5A	Slotted Bits 4-5 and 8-10 and Phillips™ #1 and #2	Display Box	12**	6 lbs. - 2.7 kg	17.30

**Special order 72 or more "6 IN 1" Screwdrivers of the #5A and have your company name imprinted on the black grip (up to 15 characters). (High visibility handle with black grip). Allow 3 weeks for delivery. Guaranteed sale on special imprinted screwdrivers does not apply.

REPLACEMENT BITS FOR #5, and #5A * #43 - Reversible Bit, Slotted 4-5 and 8-10. #44 - Reversible Bit, Phillips™ #1 and #2.



#43	Slotted 4-5 and 8-10	Boxed	10	1 lb. - 0.5 kg	4.48
#44	Phillips™ #1 and #2	Boxed	10	1 lb. - 0.5 kg	4.48

OVAL MIRROR & BRUSHES

OVAL SHAPED INSPECTION MIRROR* Telescoping handle, expands from 4-1/2" to 19-1/2" (11.4 cm to 49.5 cm). Spring loaded ball socket adjustment. Spring pressure maintains adjustment for any position on 360°. Mirror is 1" x 2" (2.54 cm x 5.08 cm). **MADE IN THE U.S.A.**



#290	1" x 2" Mirror 4-1/2" - 19-1/2" Handle 2.54 cm x 5.08 cm Mirror 11.4 cm - 49.5 cm Handle	Bagged & Boxed	5	1 lb. - 0.5 kg	16.66
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ACID & FLUX BRUSHES Metal Handle.



#BR1	3/8" Wide x 6" Long .95 cm Wide x 15.24 cm Long	Boxed	144	3 lbs. - 1.4 kg	0.33
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FLUX BRUSHES Pipe Joint Compound and Flux Brush. Wood Handle.



#BR7	3/4" Wide x 7" Long 1.91 cm Wide x 17.78 cm Long	Boxed	36	2 lbs. - 0.9 kg	1.70
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PURE BRISTLE BRUSHES Paint Brush Style. Wood Handle.



#PB1	1" - 2.54 cm	Boxed	36	2 lbs. - 0.9 kg	1.77
#PB2	2" - 5.08 cm	Boxed	24	2 lbs. - 0.9 kg	2.31
#PB3	3" - 7.62 cm	Boxed	24	3 lbs. - 1.4 kg	3.23
#PB4	4" - 10.16 cm	Boxed	12	2 lbs. - 0.9 kg	4.69

*NOTE: Screwdriver Bits and Inspection Mirrors are considered expendable materials and therefore are not covered by the Warranty.

Plumb-Pro Quality Tools

CANS, DAUBERS & APPLICATORS

CANS Empty Screw Top Cans without Caps. For caps, see below. **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#CHP	1/2 Pint - 237 ml	Boxed	24	5 lbs. - 2.3 kg	1.58
#CPP	Pint - 473 ml	Boxed	12	5 lbs. - 2.3 kg	2.38
#CQ	Quart - .95 L	Boxed	12	5 lbs. - 2.3 kg	3.84
#CQ100	Quart - .95 L	Boxed	100	38 lbs. - 17.2 kg	3.20



WIDE MOUTH GALLON CAN WITH SCREW TOP LID
Opening of can is 2-7/8" (7.32 cm). **MADE IN THE U.S.A.**

#CGW	Gallon - 3.785 L	Boxed	6	10 lbs. - 4.5 kg	17.63
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DAUBER SCREW CAPS Standard Dauber and Cap. For use on Empty Screw Top Cans Above. **MADE IN THE U.S.A.**

#DP	Pint - 473 ml	Boxed	50	2 lbs. - 0.9 kg	1.44
#DPA	Pint - 473 ml	Boxed	12	1 lb. - 0.5 kg	1.56
#DQ	Quart - .95 L	Boxed	50	3 lbs. - 1.4 kg	1.56
#DQA	Quart - .95 L	Boxed	12	1 lb. - 0.5 kg	1.68



DAUBER SCREW CAPS 1/2" Dauber and Cap. For use with CPVC Yellow Medium Bodied Low VOC Cement and empty screw top cans above. **MADE IN THE U.S.A.**

#DHP	Half Pint - 237 ml	Boxed	12	1 lb. - 0.5 kg	1.51
#DPS	Pint - 473 ml	Boxed	12	1 lb. - 0.5 kg	1.56



GALLON CAN ROLLER Applicator with Cap - Fits wide and standard mouth size.

#CGWR	12" - 30 cm	Boxed	12	4 lbs. - 1.8 kg	23.75
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GALLON CAN SWAB Applicator with Cap - Fits wide and standard mouth size.

#CGWS	12" - 30 cm	Boxed	12	2 lbs. - .91 kg	22.90
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ROUND COTTON SWAB APPLICATOR Wire Handle Swab. Total length 11" (28 cm). For applying large quantities of gasket lubricant or PVC cements and cleaners to pipe and fittings.

#GLS	11" x 2" - 28 x 5 cm	Boxed	50	7 lbs. - 3.2 kg	5.23
#GLSA	11" x 2" - 28 x 5 cm	Boxed	12	2 lbs. - 0.9 kg	5.77



SPRAYERS Trigger Pump Plastic Sprayer with adjustable spray nozzle for use with pint or quart Leak Detector bottles. **MADE IN THE U.S.A.**

#SPR	Trigger Pump Sprayer for Pint (473 ml) Bottles	Boxed	6	1 lb. - 0.5 kg	4.62
#SPRL	Trigger Pump Sprayer for Quart (.95 L) Bottles	Boxed	6	1 lb. - 0.5 kg	5.53



PINT PLASTIC BOTTLES WITH PLASTIC SCREW CAPS
MADE IN THE U.S.A.

#B16	Pint - 473 ml	Boxed	6	1 lb. - 0.5 kg	2.99
#B32	Quart - .95 L	Boxed	12	2 lb. - 1.0 kg	3.56



TAPES, TOOLS & TWINE

MAGNETIC TORPEDO LEVEL 9" Black, high impact plastic frame. Magnetic edge frees hands. Vials read plumb, level, 1/4" per 1 foot plumbing code slope and 45° top read window. V-grooved working edge fits on pipe or conduit.



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#12	9" - 23 cm	Bagged & Boxed	5	2 lbs. - 0.9 kg	15.30

METAL STUD INSULATORS Protects copper and polybutylene pipe from sharp edges of metal studs. Snaps into a 1-11/32" (3.41 cm) hole punched by #398 **SUPER STUD PUNCH**. Fits all 1/2" (1.27 cm), 3/4" (1.91 cm) and 1" (2.54 cm) copper or polypipe tubing. For use on all metal studs 18 gauge or lighter. Patented offset hole makes for better pipe alignment. Sold in full case quantities only. **MADE IN THE U.S.A.**



#24	1/2" - 1.27 cm	Bagged & Boxed	100	1 lb. - 0.5 kg	0.55
#25	3/4" - 1.91 cm	Bagged & Boxed	100	1 lb. - 0.5 kg	0.55
#26	1" - 2.54 cm	Bagged & Boxed	100	1 lb. - 0.5 kg	0.55

SUPER STUD PUNCH Extended throat. Cuts 3-1/2" (8.89 cm) from edge. Cuts heavy 18 gauge steel. Lightweight high strength aluminum alloy. Hole size 1-11/32" (3.41 cm). Offset handle gets into tight places easier. Better leverage for easier punching. Non-slip rubber grips. **MADE IN THE U.S.A.**



#398	1-11/32" Hole Size 3.41 cm Hole Size	Boxed	1	7 lbs. - 3.2 kg	509.46
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4 - WAY VALVE KEY For stop cocks, sill cocks and valves when handles have been removed. Fits 1/4" (.64 cm), 9/32" (.71 cm), 5/16" (.79 cm), 11/32" (.86 cm). Polished chrome finish.



#33	Universal	Bagged & Boxed	5	3 lbs. - 1.4 kg	14.71
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MEASURING TAPE High Impact Yellow Case. Tough tip stainless steel blade protector with 3 rivets virtually eliminates tip breakage. Three color blade with bold, precise numbers for easier reading.



#301	1" x 25' - 2.54 cm x 7.62 m	Bagged & Boxed	6	6 lbs. - 2.7 kg	23.28
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YELLOW MASON TWINE* No.18 - 275 ft. (84 m). Unaffected by cement. Rot proof. High strength for use as chalk line, plumb line, lead line. Rolls individually wrapped in clear plastic.



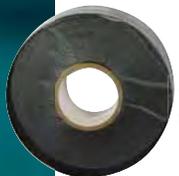
#46	No. 18 - 275' (84 m) Long	Boxed	12	5 lbs. - 2.3 kg	7.25
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WIRE PULLING TWINE* Polypropylene twisted film. 1-Ply x 6500'; average break strength 200 lbs. (90.7 kg). Plastic bucket dispenser, made from high strength plastic.



#49	1-Ply x 6500' (200 lbs.) 1-Ply x 1981 m (90.7 kg)	Pail w/Handle	1	12 lbs. - 5.4 kg	107.79
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PVC PIPE WRAP TAPE* High quality polyethylene pipe wrap tape. All weather, moisture proof black pipe wrap tape. UPC listed.



#143	10 mil x 2" x 100' 10 mil x 5.08 cm x 30.5 m	Boxed	36	40 lbs. - 18.1 kg	13.77
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YELLOW WARNING BARRIER "CAUTION" TAPE* Durable 3 Mil thick PVC Plastic Tape, 3" (7.62 cm) wide. Bright yellow with **BOLD BLACK PRINT - "CAUTION CAUTION"**



#367	1000' long - 305 m long	Boxed	8	36 lbs. - 16.3 kg	31.86
#368	200' long - 61 m long	Boxed	10	9 lbs. - 4.1 kg	15.06

*NOTE: Mason Twine, Wire Pulling Twine, Pipe Wrap Tape and Caution Tape are considered expendable materials and therefore are not covered by the Warranty.

Plumb-Pro Quality Tools

STRAPS

BLACK RUBBER UTILITY STRAPS Professional Quality EPDM Rubber Tie-down Utility Straps with exceptional strength. Squared head and tapered neck reduces strap stress. "S" Hooks are attached to straps. Made from UV resistant rubber. **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#US9	9" - 23 cm	Boxed	50	10 lbs. - 4.5 kg	1.89
#US9A	9" - 23 cm	Boxed	12	3 lbs. - 1.4 kg	2.08
#US15	15" - 38 cm	Boxed	50	11 lbs. - 5.0 kg	2.24
#US15A	15" - 38 cm	Boxed	12	4 lbs. - 1.8 kg	2.48
#US20	20" - 51 cm	Boxed	50	12 lbs. - 5.4 kg	2.78
#US20A	20" - 51 cm	Boxed	12	4 lbs. - 1.8 kg	3.09
#US31	31" - 79 cm	Boxed	50	17 lbs. - 7.7 kg	3.25
#US31A	31" - 79 cm	Boxed	12	5 lbs. - 2.3 kg	3.51
#US41	41" - 104 cm	Boxed	50	20 lbs. - 9.1 kg	4.92
#US41A	41" - 104 cm	Boxed	12	5 lbs. - 2.3 kg	5.37

NYLON WEB CAM BUCKLE UNIVERSAL TIE-DOWN STRAP Nylon Webbing, Non-Slip Cam Buckle Strap Rated for up to 1200 lbs. (544 kg). Color may vary. **MADE IN THE U.S.A.**

#WS10	1" x 10' 2.54 cm x 3.05 m	Boxed (Clamshell)	6	9 lbs. - 4.1 kg	28.40
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NYLON WEB RATCHET TYPE UNIVERSAL TIE-DOWN STRAP Yellow Nylon Webbing, Non-Slip Ratchet Type Strap Rated for up to 3000 lbs. (1361 kg). Color may vary. **MADE IN THE U.S.A.**

#WS16	1" x 16' 2.54 cm x 4.88 m	Boxed (Clamshell)	4	8 lbs. - 3.6 kg	62.59
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NYLON WEB RATCHET TYPE UNIVERSAL TIE-DOWN STRAP Yellow 1-3/4" x 25' (4.45 cm x 7.62 m) Ratchet Type Strap Rated for up to 5500 lbs. (2495 kg). Excellent for large delivery trucks. Ratchet can be permanently attached to truck. End hook is standard size that fits most truck rails. **MADE IN THE U.S.A.**

#WS25	1-3/4" x 25' 4.45 cm x 7.62 m	Boxed (Clamshell)	1	6 lbs. - 2.7 kg	115.82
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PICK MATTOCK & SLEDGE HAMMERS

SUPER PICK MATTOCK 36" (.91 m) FIBERGLASS HANDLE* Safety grip for easier handling with gloves, reduces fatigue. Forged heat treated and ground heads. 19-1/2" (49.5 cm) tip to tip. **MADE IN THE U.S.A.**

#279	19-1/2" Head, 36" Handle 49.5 cm Head, .91 m Handle	Bundled	1	9 lbs. - 4.1 kg	115.04
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MINI SUPER FIBERGLASS HANDLE SLEDGE HAMMER Ideal for delivering heavy blows where space to swing is limited. Compact, well balanced drop forged carbon steel head mounted to a solid fiberglass handle. Safety grip for additional control. Fiberglass handle also reduces fatigue. **MADE IN THE U.S.A.**

#58	2 lbs. - 0.9 kg 10" (25.4 cm) Handle	Boxed	1	3 lbs. - 1.4 kg	73.79
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SUPER FIBERGLASS HANDLE, FULL SIZE SLEDGE HAMMERS* The toughest, most durable sledge hammer available. Safety grip for easier handling with gloves. Fiberglass handle also reduces fatigue. **MADE IN THE U.S.A.**

#334	8 lbs. - 3.6 kg	Bundled	1	10 lbs. - 4.5 kg	113.02
#278	10 lbs. - 4.5 kg	Bundled	1	12 lbs. - 5.4 kg	145.20
#336	12 lbs. - 5.4 kg	Bundled	1	14 lbs. - 6.4 kg	154.03
#337	16 lbs. - 7.3 kg	Bundled	1	18 lbs. - 8.2 kg	176.90



*Replacement Handles are available for the Pick Mattocks and full size Sledge Hammers.

SHOVELS & SPADES

ROUND POINT SUPER SHOVEL 48" (1.2 m) FIBERGLASS HANDLE* #2 heavy gauge blade, forward turned step. Used for digging in hard and soft soil. MADE IN THE U.S.A.

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#283	8-3/4" x 12" Blade 48" Handle 22.22 cm x 30.48 cm Blade 1.2 m Handle	Bundled	3	17 lbs. - 7.7 kg	75.20

SQUARE POINT SUPER SHOVEL 48" (1.2 m) FIBERGLASS HANDLE* #2 heavy gauge blade, forward turned step. Used for shoveling gravel, dirt and loose material. MADE IN THE U.S.A.

#284	9-1/2" x 12" Blade 48" Handle 24.13 cm x 30.48 cm Blade 1.2 m Handle	Bundled	3	15 lbs. - 6.8 kg	75.20
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TRENCH SUPER SHOVEL 48" (1.2 m) FIBERGLASS HANDLE* Cut down hollow back shovel blades simplify cleaning soil from machine dug trenches. The lift angle of the shovel blade is 32°. MADE IN THE U.S.A.

#317	3" x 12" Blade, 48" Handle 7.62 cm x 30.48 cm Blade 1.2 m Handle	Bundled	3	11 lbs. - 5.0 kg	81.28
#318	4" x 12" Blade, 48" Handle 10.16 cm x 30.48 cm Blade 1.2 m Handle	Bundled	3	12 lbs. - 5.4 kg	81.28
#319	5" x 12" Blade, 48" Handle 12.7 cm x 30.48 cm Blade 1.2 m Handle	Bundled	3	13 lbs. - 5.9 kg	81.28

DRAIN SPADE / SHARP SHOOTER SUPER SHOVEL WITH FIBERGLASS HANDLE* Hollow back blade, forward turned step. Used for trenching deep and narrow holes. MADE IN THE U.S.A.

#274	4-3/4" x 16" Blade, 48" Handle 12.1 cm x 40.64 cm Blade 1.2 m Handle	Bundled	3	14 lbs. - 6.4 kg	86.95
#275	4-3/4" x 16" Blade, 60" Handle 12.1 cm x 40.64 cm Blade 1.5 m Handle	Bundled	3	20 lbs. - 9.1 kg	128.90

DRAIN SPADE / SHARP SHOOTER SUPER SHOVEL WITH FIBERGLASS "D" HANDLE* Hollow back blade, forward turned step. Used for cutting and trenching deep and narrow holes. MADE IN THE U.S.A.

#282	4-3/4" x 16" Blade, 27" Handle 12.1 cm x 40.64 cm Blade .69 m Handle	Bundled	2	9 lbs. - 4.1 kg	79.56
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ROUND POINT SUPER SHOVEL 27" (.69 m) WITH FIBERGLASS "D" HANDLE* #2 heavy gauge blade, forward turned step. Used for digging in hard and soft soil. MADE IN THE U.S.A.

#326	8-3/4" x 12" Blade, 27" Handle 22.22 cm x 30.48 cm Blade .69 m Handle	Bundled	2	9 lbs. - 4.1 kg	89.35
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*NOTE: Replacement Handles are available for Shovels and Spades.

Plumb-Pro Super Shovels are manufactured from the finest material available.

- Comfortable ergonomically designed grip, made of long lasting vinyl.
- Fiberglass tubing consisting of millions of continuous parallel glass fibers in tension over a lightweight core.
- Solid fiberglass reinforcement at the critical stress point (patented).
- Adapter collar guarantees perfect stress bearing contact between handle and blade (patented).
- Super compression bar fills and reinforces the throat of hollow and closed back blades (patented).

Plumb-Pro Quality Tools

SOIL PROBES, METER KEYS & VALVE WRENCHES

FIBERGLASS SHAFT SOIL PROBES* With Fiberglass "T" handle. 1/2" (1.27 cm) diameter shaft has heavy duty zinc metal tip for durability and ease of extraction. Safe, nonconductive probe for locating irrigation, power and water lines. Probes are constructed of solid yellow fiberglass that will not weather, warp or splinter. **MADE IN THE U.S.A.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#280	48" Shaft - 1.2 m Shaft	Bundled	6	9 lbs. - 4.1 kg	50.71
#285	60" Shaft - 1.5 m Shaft	Bundled	6	10 lbs. - 4.5 kg	52.33

REPLACEMENT ZINC PROBE TIP KIT* Contains Replacement Tip, Epoxy and Instructions. **MADE IN THE U.S.A.**

#395		Boxed	4	1 lb. - 0.5 kg	13.39
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20" (50.8 cm) MINI METER KEY 8" (20.32 cm) handle, 20" (50.8 cm) length. Made from heavy 3/4" (1.91 cm) round bar stock. Stores compactly in tool box. High visibility yellow. Machined universal socket. **NOTE:** Fits old and new style meter valves. **MADE IN THE U.S.A.**

#64	20" Long, 8" Handle 50.8 cm Long 20.32 cm Handle	Bundled	1	4 lbs. - 1.8 kg	61.25
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42" (1.07 m) SUPER METER KEY 24" (61 cm) handle, 42" (1.07 m) length. Made from heavy 1" (2.54 cm) square bar stock. High visibility yellow. Machined universal socket. **NOTE:** Fits old and new style meter valves. **MADE IN THE U.S.A.**

#156	42" Long, 24" Handle 1.07 m Long, 61 cm Handle	Bundled	1	8 lbs. - 3.6 kg	98.45
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HEAVY METER KEYS Curb Stop Key made from heavy 3/4" (1.91 cm) round bar stock. High visibility yellow. Machined universal socket. **NOTE:** Stepped Key fits old and new style meter valves. #403 Key is made to fit 1-1/2" openings. **MADE IN THE U.S.A.**

#65	42" Long, 18" Handle 1.07 m Long, 45.7 cm Handle	Bundled	1	8 lbs. - 3.6 kg	72.95
#397	6' Long, 24" Handle 1.83 m Long, 61 cm Handle	Bundled	1	13 lbs. - 5.9 kg	121.11
#400	7' Long, 24" Handle 2.13 m Long, 61 cm Handle	Bundled	1	14 lbs. - 6.4 kg	119.93
#403	7' Long, with 1-1/4" Wrench 2.13 m Long, with 3.18 cm Wrench	Bundled	1	15 lbs. - 6.8 kg	119.35
#401	8' Long, 24" Handle 2.43 m Long, 61 cm Handle	Bundled	1	16 lbs. - 7.3 kg	132.43

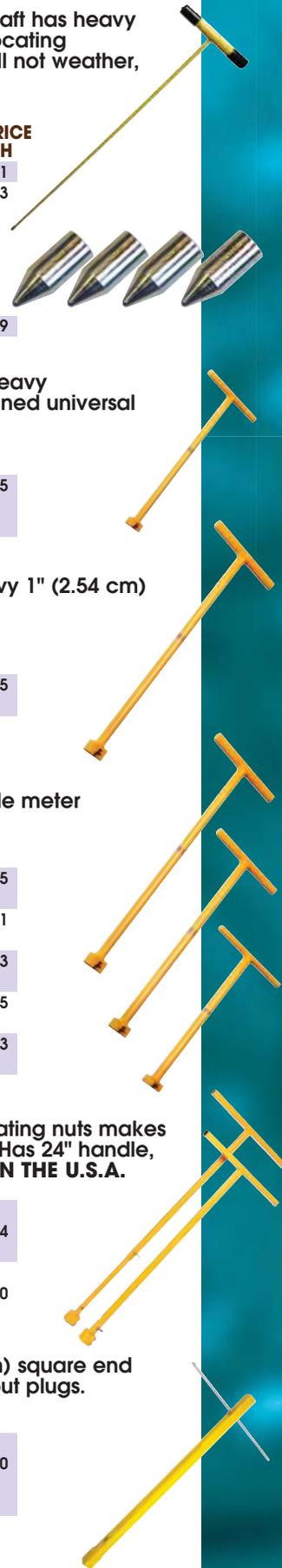
TELESCOPIC VALVE WRENCHES Adjustable length. Telescopic valve keys for 2-inch operating nuts makes transportation easier. Made of 1-1/2" square tube outside and 1-1/4" square tube inside. Has 24" handle, zinc plated "quick release" pin. High visibility yellow. 2" (5.08 cm) square socket. **MADE IN THE U.S.A.**

#399	3-1/2' - 6' Long, 24" Handle 1.07 m - 1.83 m Long 61 cm Handle	Bundled	1	13 lbs. - 5.9 kg	198.64
#402	4-1/2' - 8' Long, 24" Handle 1.40 m - 2.43 m Long 61 cm Handle	Bundled	1	15 lbs. - 6.8 kg	294.90

"2 IN 1" SWIMMING POOL PLUG WRENCH Removable 18" (45.7 cm) handle. 1" (2.54 cm) square end fits 1-1/2" (3.81 cm) clean out plugs. 1-1/2" (3.81 cm) square end fits 2" (5.08 cm) clean out plugs. 31" (78.74 cm) long. Made of rust resistant heavy duty steel. **MADE IN THE U.S.A.**

#405	1" Wrench - 2.54 cm Wrench 1-1/2" Wrench - 3.81 cm Wrench 18" Handle - 45.7 cm Handle 31" Long - 78.74 cm Long	Boxed	2	9 lbs. - 4.1 kg	65.30
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*NOTE: Probe Tips are considered expendable materials and therefore are not covered by the Warranty. We can make Meter Keys in any length. Call for pricing on lengths not shown above. We can also make Meter Keys that fit 1-1/4" pipe at no extra cost. Call for available sizes.





TONGUE & GROOVE PLIERS/CHANNELLOCK BLUE® comfort grips. Right angled teeth that grip in all directions for maximum bite. Undercut tongue and groove won't slip. Permalock™ fastener eliminates nut and bolt failure. **MADE IN THE U.S.A.**



#161 - CHANNELLOCK® #420
Length = 9-1/2" (24.13 cm)
Adjustments = 5
Capacity = 1-1/2" (38 mm)

#163 - CHANNELLOCK® #440
Length = 12" (30.48 cm)
Adjustments = 7
Capacity = 2-1/4" (57 mm)

#196 - CHANNELLOCK® #480
Length = 20-1/4" (51.44 cm)
Adjustments = 12
Capacity = 5-1/2" (140 mm)

#162 - CHANNELLOCK® #430
Length = 10" (25.40 cm)
Adjustments = 7
Capacity = 2" (51 mm)

#165 - CHANNELLOCK® #460
Length = 16" (40.64 cm)
Adjustments = 8
Capacity = 4-1/4" (108 mm)

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#161	9-1/2" - 24.13 cm	Boxed (Clamshell)	5	5 lbs. - 2.3 kg	39.65
#162	10" - 25.40 cm	Boxed (Clamshell)	5	6 lbs. - 2.7 kg	41.39
#163	12" - 30.48 cm	Boxed (Clamshell)	5	8 lbs. - 3.6 kg	44.78
#165	16" - 40.64 cm	Boxed (Clamshell)	2	6 lbs. - 2.7 kg	76.38
#196	20-1/4" - 51.44 cm	Boxed (Clamshell)	2	9 lbs. - 4.1 kg	128.19

CURVED JAW TONGUE & GROOVE PLIERS/CHANNELLOCK BLUE® comfort grips. Right angled teeth that grip in all directions for maximum bite. Undercut tongue and groove won't slip. Permalock™ fastener eliminates nut and bolt failure. **MADE IN THE U.S.A.**



#164 - CHANNELLOCK® #442
Length = 12" (30.48 cm)
Adjustments = 7
Capacity = 2-1/4" (57 mm)

#164	12" - 30.48 cm	Boxed (Clamshell)	5	8 lbs. - 3.6 kg	44.88
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9-1/2" (24.13 cm) GRIPLOCK® UTILITY PLIERS/CHANNELLOCK BLUE® comfort grips. Ergonomically designed offset head for greater leverage. Special jaw design accommodates many shapes. Permalock™ fastener eliminates nut and bolt failure. **MADE IN THE U.S.A.**



#168 - CHANNELLOCK® #GL10
Length = 9-1/2" (24.13 cm)
Adjustments = 5
Capacity = 1-1/4" (32 mm)

#168	9-1/2" - 24.13 cm	Boxed (Clamshell)	5	6 lbs. - 2.7 kg	27.35
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CHANNELLOCK® LONG NOSE PLIERS WITH SIDE CUTTER/CHANNELLOCK BLUE® comfort grips. Cross hatching on jaws. Slender, perfectly mated jaws with no side wobble provide a firm grip on fine work in tight places. Sharp, hand honed side cutter is heat treated to hold its edge. High polished, carbon drop forged set. **MADE IN THE U.S.A.**



#175 - CHANNELLOCK® #326 Length = 6" (15.24 cm) with side cutter.
#178 - CHANNELLOCK® #317 Length = 7-1/2" (19.05 cm) with side cutter.

#175	6" - 15.24 cm	Boxed (Clamshell)	5	2 lbs. - 0.9 kg	52.33
#178	7-1/2" - 19.05 cm	Boxed (Clamshell)	5	3 lbs. - 1.4 kg	54.78

CHANNELLOCK® SLIP JOINT PLIERS WITH FINE SIDE CUTTER/CHANNELLOCK BLUE® comfort grips. Polished high carbon drop forged steel. Permalock™ fastener eliminates nut and bolt failure. **MADE IN THE U.S.A.**



#195 - CHANNELLOCK® #537 Length = 7" (17.78 cm) with side cutter.

#195	7" - 17.78 cm	Boxed (Clamshell)	5	4 lbs. - 1.8 kg	56.69
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CHANNELLOCK® items are packed in CHANNELLOCK® Blister Display cards

SOFT TOUCH PLIERS* Protects decorative and bright plated plumbing fixtures. Soft jaws will not destroy plastic fittings. Maximum opening of 1-3/4" (4.45 cm) and a length of 10" (25.4 cm). Works great on shower arms. Automatically opens by the spring loaded mechanism. No need to open the handles by your fingers while in use. **The Professional Choice.**

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#393	10" - 25.4 cm	Bagged & Boxed	3	3 lbs. - 1.4 kg	58.62



NYLON REPLACEMENT JAWS* For #393 Soft Touch Pliers.

#389	1-3/4" (4.45 cm)	Bagged & Boxed	3	1 lb. - 0.5 kg	10.17
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SOFT JAW WONDER PLIERS* Wide jaw opening up to 2-3/4" (7 cm). Comes with round and square soft jaw inserts. Great for repair work on flush valves. Will not scratch plated finishes. Works on Delta® and other dome nuts. Will not crush threaded tail pieces. Automatically opens by the spring loaded mechanism. Opening range of 1" - 2-3/4" (2.5 cm - 7 cm) and a length of 10-1/2" (26.67 cm).

#394	10-1/2" - 26.67 cm	Bagged & Boxed	3	4 lbs. - 1.8 kg	63.25
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ROUND REPLACEMENT JAWS* For #394 Soft Jaw Wonder Pliers.

#391	2-3/4" (7 cm)	Bagged & Boxed	3	1 lb. - 0.5 kg	23.65
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SQUARE REPLACEMENT JAWS* For #394 Soft Jaw Wonder Pliers.

#392	2-3/4" (7 cm)	Bagged & Boxed	3	1 lb. - 0.5 kg	23.65
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TELESCOPIC BASIN WRENCH Spring-loaded jaws of forged alloy steel provide fast, one-hand ratcheting in tight quarters. Tension plug holds head in any position up to 90 degree angle. Chrome-plated handle and shank. Telescopic shanks quickly adjust to 10" - 17" (25.4 cm - 43.2 cm).

#160	10" - 17" 25.4 cm - 43.2 cm	Bagged & Boxed	5	8 lbs. - 3.6 kg	17.75
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*NOTE: The Soft Jaws of #393 and #394 are considered expendable materials and therefore are not covered by the Warranty.

WRENCHES

NO HUB TORQUE WRENCH For tightening 5/16" coupling nuts to 60 in. lbs. Automatic release at pre-set 60 in. lbs. T-Handle ratchets one way. Built-in reversing bar.



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#243	5/16" - 0.79 cm	Bagged & Boxed	5	5 lbs. - 2.3 kg	31.86

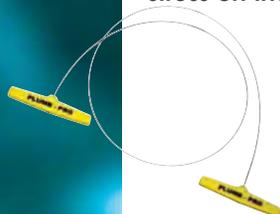
HEAVY DUTY WATER HEATER ELEMENT WRENCH A professional grade tool that easily removes elements without damaging the unit. Sliding "T" type handle allows for even pressure on both ends. Removes the most stubborn elements. 12 point heavy duty chrome plated steel socket and 18" (45.7 cm) "T" handle.



#145	1-1/2" x 3/4" Socket 18" Handle 38 mm x 19 mm Socket 45.7 cm Handle	Boxed	1	4 lbs. - 1.8 kg	76.97
#324	18" Handle 45.7 cm Handle	Boxed	1	3 lbs. - 1.4 kg	55.89
#325	1-1/2" x 3/4" Socket 38 mm x 19 mm Socket	Boxed	1	1 lb. - 0.5 kg	26.85

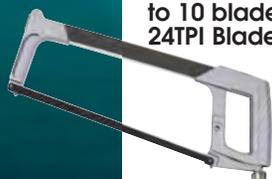
SAWS

"T-HANDLE" CABLE SAW* For cutting PVC Pipe. For tight spots offering little clearance. Fits easily into tool box or pocket. Faster and easier than hacksaws in close quarters. The easy to use "T-Handles" offer less stress on the hands than loop handles. **MADE IN THE U.S.A.**



#240	Approx. 36" Approx. 91.44 cm	Bagged & Boxed	12	1 lb. - 0.5 kg	11.35
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PROFESSIONAL HACKSAW 12" (30.48 cm) BLADE* Designed with the professional in mind. This saw features state of the art design. The blade can be set at two different angles, straight and 45 degree. Up to 10 blades can be stored in the top of the frame. Comes complete with a 12" (30.48 cm) "Bi-Metal" 24TPI Blade.



#67	12" Blade 24TPI 30.48 cm Blade 24TPI	Boxed	3	5 lbs. - 2.3 kg	32.29
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REPLACEMENT BLADES FOR #67 HACKSAW*

#147 - Carbon steel blade. Low cost. Cuts wood, plastic and easy to machine metals such as conduit, aluminum, copper tubing, etc. Blade: 12" (30.48 cm) / 18TPI

#247 - Bi-Metal Construction. Tooth hardness RC 65-67. Cuts wood, plastic or any machinable metal, including conduit, stainless steel tubing, angle iron, copper tubing, structural materials, etc. Blade: 12" (30.48 cm) / 18TPI **MADE IN THE U.S.A.**



#147	12" Blade 18TPI 30.48 cm Blade 18TPI	Boxed	10	1 lb. - 0.5 kg	2.38
#247	12" Blade 18TPI 30.48 cm Blade 18TPI	Boxed	10	1 lb. - 0.5 kg	3.82

*NOTE: Blades are considered expendable material and therefore are not covered by the Warranty.

Plumb-Pro Quality Tools

SAWS

PVC SAW - ALUMINUM HANDLE WITH 13" (33.02 cm) BLADE* Handsaw is designed for the plumber, electrician, and all professional general contractors. The unique design allows it to cut the following: fiberglass panels, PVC, ABS & CPVC plastic pipe, nail embedded wood, wallboard, brass and copper tubing, paneling and general purpose wood cutting.

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#182	19-1/2" - 49.53 cm Saw	Boxed	5	5 lbs. - 2.3 kg	25.06



REPLACEMENT BLADES FOR #182 PVC SAW*

#183	13" Blade 33.02 cm Blade	Boxed	5	3 lbs. - 1.4 kg	18.76
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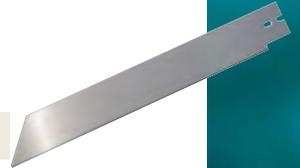
PVC SAW - ALUMINUM HANDLE WITH 18" (45.72 cm) BLADE* Handsaw is designed for the plumber, electrician, and all professional general contractors. The unique design allows it to cut the following: Fiberglass panels, PVC, ABS & CPVC plastic pipe, nail embedded wood, wallboard, brass and copper tubing, paneling and general purpose wood cutting.

#180	23-1/2" - 59.69 cm Saw	Boxed	5	5 lbs. - 2.3 kg	26.62
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REPLACEMENT BLADES FOR #180 PVC SAW*

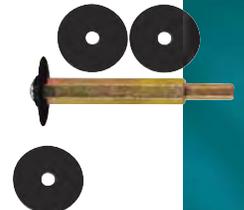
#181	18" Blade 45.72 cm Blade	Boxed	5	3 lbs. - 1.4 kg	20.92
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INTERNAL PIPE CUTTERS

"RIPPER" CARBIDE BLADE INTERNAL PLASTIC PIPE CUTTER* 2 each 1-1/2" (3.81 cm) diameter fiber carbide blades per bag with 3" (7.62 cm) long zinc plated shaft that fits 1/4" (.64 cm) or 3/8" (.95 cm) drills. For cutting 2" (5.08 cm) or larger PVC or ABS plastic pipe. **WARNING - Do not operate cutter in reverse.**

#192	1-1/2" diameter - 3.81 cm	Bagged & Boxed	10	1 lb. - 0.5 kg	15.82
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REPLACEMENT BLADES FOR #192* Fiber carbide blades.

#154	1-1/2" diameter - 3.81 cm 3 Blades per Bag 10 Bags per Case	Bagged & Boxed	10	1 lb. - 0.5 kg	14.38
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"ZIPPY" METAL BLADE INTERNAL PLASTIC PIPE CUTTER* 1 each 1-1/2" (3.81 cm) diameter metal shear blade per bag with 3" (7.62 cm) long zinc plated shaft that fits 1/4" (.64 cm) or 3/8" (.95 cm) drills. For cutting 2" (5.08 cm) or larger PVC or ABS plastic pipe. **WARNING - Do not operate cutter in reverse.**

#150	1-1/2" diameter - 3.81 cm	Bagged & Boxed	10	1 lb. - 0.5 kg	30.33
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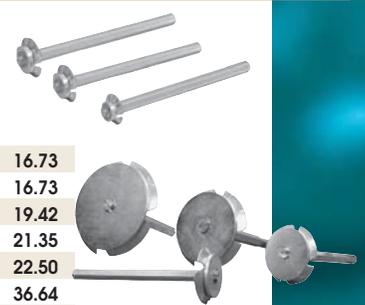
REPLACEMENT BLADES FOR #150* Metal shear blades.

#151	1-1/2" diameter - 3.81 cm 2 Blades per Bag 10 Bags per Case	Bagged & Boxed	10	1 lb. - 0.5 kg	11.63
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PIPE FITTING REAMERS

"SOCKET RELIEVER" PIPE FITTING REAMERS Removes Schedule 40 plastic pipe. Cuts ABS or PVC DWV pipe below slab. Fits 1/2" variable speed power drill.

#118	1/2" - 1.27 cm	Boxed	1	1 lb. - 0.5 kg	16.73
#119	3/4" - 1.91 cm	Boxed	1	1 lb. - 0.5 kg	16.73
#120	1" - 2.54 cm	Boxed	1	1 lb. - 0.5 kg	19.42
#123	1-1/2" - 3.81 cm	Boxed	1	1 lb. - 0.5 kg	21.35
#124	2" - 5.08 cm	Boxed	1	1 lb. - 0.5 kg	22.50
#125	3" - 7.62 cm	Boxed	1	1 lb. - 0.5 kg	36.64
#126	4" - 10.16 cm	Boxed	1	1 lb. - 0.5 kg	38.45



PLASTIC PIPE CUTTERS

"SNAPPER" TUBING CUTTER* High quality cutter for cutting plastic tubing, PVC, CPVC, polyethylene pipe and rubber hose through 1-1/4" (3.18 cm). Replaceable blade is made of stainless steel. Color: Yellow.



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#166	1" - 2.54 cm	Bagged & Boxed	10	5 lbs. - 2.3 kg	25.06

REPLACEMENT BLADE WITH PIN FOR #166 "SNAPPER" TUBING CUTTER*
Made of stainless steel.

#167	1" - 2.54 cm	Bagged & Boxed	5	1 lb. - 0.5 kg	11.58
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1" (2.54 cm) PLASTIC PIPE RATCHET CUTTER* Top quality professional ratchet cutter cuts PVC, CPVC, ABS, and other plastic pipe and tubing through 1" (2.54 cm). Heavy duty steel construction with replaceable stainless steel blade.



#15	1" - 2.54 cm	Bagged & Boxed	5	4 lbs. - 1.8 kg	53.35
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REPLACEMENT BLADE FOR #15* Stainless steel blade with ratchet plate attached.

#16	1" - 2.54 cm	Bagged & Boxed	5	1 lb. - 0.5 kg	28.64
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REPLACEMENT SPRING SET FOR #15*

#91	3 Springs per Bag 5 Bags per Case	Bagged & Boxed	5	1 lb. - 0.5 kg	6.69
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1-1/4" (3.18 cm) PLASTIC PIPE RATCHET CUTTER* Top quality professional ratchet cutter cuts PVC, CPVC, ABS and other plastic pipe and tubing through 1-1/4" (3.18 cm). Heavy duty steel construction with replaceable stainless steel blade.



#127	1-1/4" - 3.18 cm	Bagged & Boxed	3	3 lbs. - 1.4 kg	71.86
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REPLACEMENT BLADE FOR #127* Stainless steel blade.

#128	1-1/4" - 3.18 cm	Bagged & Boxed	3	1 lb. - 0.5 kg	32.92
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REPLACEMENT SPRING SET FOR #127*

#129	3 Springs per Bag 3 Bags per Case	Bagged & Boxed	3	1 lb. - 0.5 kg	9.20
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SABERTOOTH 1-5/8" (42 mm) O.D. PLASTIC PIPE RATCHET CUTTER*
Top quality professional ratchet cutter cuts PVC, CPVC, ABS and other plastic conduit and tubing through 1-5/8" (42 mm) O.D. V Blade is ideal for thin wall pipe. NO TOOLS REQUIRED TO CHANGE BLADE.

#38	1-5/8" - 42 mm	Bagged & Boxed	3	3 lbs. - 2.7 kg	71.86
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REPLACEMENT BLADE FOR #38 SABERTOOTH 1-5/8" (42 mm) CUTTER*

#39	1-5/8" - 42 mm	Bagged & Boxed	3	1 lb. - 0.5 kg	32.92
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REPLACEMENT SPRING SET FOR #38 SABERTOOTH 1-5/8" (42 mm) CUTTER*

#40	3 Springs per Bag 2 Bags per Case	Bagged & Boxed	3	1 lb. - 0.5 kg	9.23
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REPLACEMENT PIN FOR #38 SABERTOOTH 1-5/8" (42 mm) CUTTER*

#37	Blade Pin	Bagged & Boxed	3	1 lb. - 0.5 kg	6.99
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All cutters are packaged in clear plastic point of purchase display pouches suitable for hanging on a display.

*NOTE: Blades and Springs are considered expendable materials and therefore are not covered by the Warranty.

PLASTIC PIPE CUTTERS

2" (5.08 cm) PLASTIC PIPE RATCHET CUTTER* Top quality professional ratchet cutter cuts PVC, CPVC, ABS and other plastic pipe and tubing through 2" (5.08 cm). Heavy duty steel construction with quality replaceable stainless steel blade.

STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#17	2" - 5.08 cm	Bagged & Boxed	1	3 lbs. - 1.4 kg	184.10

REPLACEMENT BLADE FOR #17* Stainless steel blade.

#18	2" - 5.08 cm	Bagged & Boxed	1	1 lb. - 0.5 kg	93.35
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REPLACEMENT SPRING SET FOR #17*

#92	2 Springs per Bag 5 Bags per Case	Bagged & Boxed	5	1 lb. - 0.5 kg	6.69
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1-1/2" (3.81 cm) PLASTIC PIPE RATCHET CUTTER* Top quality professional ratchet cutter cuts PVC, CPVC, ABS and other plastic conduit and tubing through 1-1/2" (3.81 cm). Heavy duty steel construction with replaceable stainless steel blade.

#130	1-1/2" - 3.81 cm	Bagged & Boxed	2	6 lbs. - 2.7 kg	108.78
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REPLACEMENT BLADE FOR #130* Stainless steel blade.

#131	1-1/2" - 3.81 cm	Bagged & Boxed	2	1 lb. - 0.5 kg	46.92
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REPLACEMENT SPRING SET FOR #130*

#132	3 Springs per Bag 2 Bags per Case	Bagged & Boxed	2	1 lb. - 0.5 kg	9.20
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"PIRAÑA" ONE HANDED 2" (5.08 cm) PLASTIC PIPE RATCHET CUTTER* Top quality professional ratchet cutter cuts all types of plastic pipe and conduit through 2" (5.08 cm) in diameter. One handed operation and heavy duty steel construction.



#20	2" - 5.08 cm	Bagged & Boxed	2	4 lbs. - 1.8 kg	117.02
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REPLACEMENT BLADE FOR #20*

#21	2" - 5.08 cm	Bagged & Boxed	2	2 lbs. - 0.9 kg	64.40
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REPLACEMENT SPRING SET FOR #20*

#22	2 Springs per Bag 5 Bags per Case	Bagged & Boxed	5	1 lb. - 0.5 kg	9.20
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All cutters are packaged in clear plastic point of purchase display pouches suitable for hanging on a display.

*NOTE: Blades and Springs are considered expendable materials and therefore are not covered by the Warranty.

MARKING PAINT & MARKING GUNS

PRO-STRIP APWA INVERTED MARKING PAINT A heavy duty, industrial paint with a water base formula that is fast drying, durable and non-clogging. Use in marking construction, excavation sites, underground utilities, landscaping, etc. Will not wash away or damage grass. Lead Free. **MADE IN THE U.S.A.**



STOCK CODE	SIZE	CONTAINER	ITEMS/CASE	CASE WEIGHT	LIST PRICE EACH
#MP - BLACK	17 oz. - 503 ml	Boxed	12	19 lbs. - 8.6 kg	10.17
#MP - BLUE	17 oz. - 503 ml	Boxed	12	19 lbs. - 8.6 kg	10.17
#MP - CLOUD WHITE	17 oz. - 503 ml	Boxed	12	19 lbs. - 8.6 kg	10.17
#MP - GREEN	17 oz. - 503 ml	Boxed	12	19 lbs. - 8.6 kg	10.17
#MP - HOT ORANGE	17 oz. - 503 ml	Boxed	12	19 lbs. - 8.6 kg	10.17
#MP - PURPLE	17 oz. - 503 ml	Boxed	12	19 lbs. - 8.6 kg	10.17
#MP - RED	17 oz. - 503 ml	Boxed	12	19 lbs. - 8.6 kg	10.17
#MP - YELLOW	17 oz. - 503 ml	Boxed	12	19 lbs. - 8.6 kg	10.17

PRO-STRIP TRAFFIC INVERTED MARKING PAINT A heavy duty, industrial paint with a water base formula that is fast drying, durable and non-clogging. Makes 2" to 4" wide stripes that are traffic ready in 60 minutes. Good coverage with one application. One can will stripe approximately 250 linear feet.

SP-TW	18 oz. - 532 ml	Boxed	12	19 lbs. - 8.6 kg	12.10
SP-TY	18 oz. - 532 ml	Boxed	12	19 lbs. - 8.6 kg	12.10
SP-TBLUE	18 oz. - 532 ml	Boxed	12	19 lbs. - 8.6 kg	12.10

PRO-STRIPER INVERTED AEROSOL MARKING MACHINE Solid steel frame with fold-down handle. 10" wheels make it easy to maneuver. For use with Pro-Stripe Traffic Inverted Marking Paint only.

PRO-STRIPER	Universal	Boxed	1	22 lbs. - 10.0 kg	302.92
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MARKING GUN A compact and lightweight tool used to apply marking paint in a wide range of marking applications.

#704	Universal	Boxed	1	1 lb. - 0.5 kg	35.44
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MARKING WAND A lightweight tool used to apply marking paint in a wide range of marking applications. Approximately 3 feet in length to make application of paint easy.

#705	Universal	Boxed	1	3 lbs. - 1.4 kg	49.89
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TURF COLORANT & LEAK TRACE DYES

GREENS COAT TURF COLORANT A super concentrated green pigment with Bright-Fast™ Technology which will not harm turf grass and can be applied at any time during the year.

GC32	Quart - .95 L	Flat Top Can	12	33 lbs. - 15.0 kg	54.10
GC1	Gallon - 3.785 L	Paint Can w/Handle	4	36 lbs. - 16.3 kg	185.70
GC5	5 Gallon - 18.9 L	Pail w/Handle	1	53 lbs. - 24.0 kg	890.52

FAST-TRAC YELLOW/GREEN LEAK TRACING DYE A highly concentrated leak inspection dye that dissolves rapidly in water and provides a vivid fluorescent yellow/green color detectable in murky water, sewage or effluent. **MADE IN THE U.S.A.**

LTDG16	16 oz. - 473 ml	Plastic Container	12	15 lbs. - 6.8 kg	27.89
LTDG1	Gallon - 3.785 L	Plastic Jug w/Spout	4	37 lbs. - 16.8 kg	209.39
LTDG5	5 Gallon - 18.9 L	Pail w/Handle	1	42 lbs. - 19.1 kg	986.26

FAST-TRAC RED LEAK TRACING DYE A highly concentrated leak inspection dye that dissolves rapidly in water and provides a vivid fluorescent red color detectable in murky water, sewage or effluent. **MADE IN THE U.S.A.**

LTDR16	16 oz. - 473 ml	Plastic Container	12	15 lbs. - 6.8 kg	27.89
LTDR1	Gallon - 3.785 L	Plastic Jug w/Spout	4	37 lbs. - 16.8 kg	209.39
LTDR5	5 Gallon - 18.9 L	Pail w/Handle	1	42 lbs. - 19.1 kg	986.26

FAST-TRAC BLUE LEAK TRACING DYE A highly concentrated leak inspection dye that dissolves rapidly in water and provides a vivid non-flourescent blue color detectable in murky water, sewage or effluent. **MADE IN THE U.S.A.**

LTDB16	16 oz. - 473 ml	Plastic Container	12	15 lbs. - 6.8 kg	27.89
LTDB1	Gallon - 3.785 L	Plastic Jug w/Spout	4	37 lbs. - 16.8 kg	209.39
LTDB5	5 Gallon - 18.9 L	Pail w/Handle	1	42 lbs. - 19.1 kg	986.26





Order \$1200.00 NET or more and receive a 2 Foot Point-of-Purchase Display Rack FREE!

This light beige display rack contains three shelves and one base shelf for displaying WHITLAM products with an eye-catching two color sign. It is available full freight prepaid and allowed, when ordered with \$1200 NET billing value.

- Limit 1 free display rack per location.

Display measures:
 24" (61 cm) long
 54" (137 cm) high
 18" (46 cm) deep
 Extra racks: \$100.00 each
 Extra display: \$175.00 each

Receive a FREE Soil Probe Display Rack with orders of 24 or more Probes!

This Point-of-Purchase Probe Display will display up to 24 - 48" (1.2 m) and/or 60" (1.5 m) Soil Probes. Display must be ordered on same order as the probes to qualify.

- Limit 1 display per wholesaler location.
 - Stock Code #272

Order \$500.00 NET or more of: Shovels, Spades, Pick Mattock, and/or Sledge Hammers and receive one FREE Display Barrel!



Order \$1500.00 NET or more and receive a 4 Foot Gondola Display Rack FREE!

This light beige display rack contains four shelves and one base shelf for displaying WHITLAM products with an eye-catching two color sign. It is available full freight prepaid and allowed, when ordered with \$1500 NET billing value.

- Limit 1 free display rack per location.

FREE FLOW-AIDE Point-of-Purchase Display with Purchase of 6 ea. FLOW-KITS and 16 ea. FLOW32

This free standing Point-of-Purchase display assists in promoting the FLOW-AIDE Descaler Kit and FLOW-AIDE Biodegradable Chemical Solution with its eye catching header and solid blue base. The self talking header highlights the multiple uses/advantages of this top quality chemical descaler.

Display measures:
 28" (71 cm) long
 50" (127 cm) high
 14" (36 cm) deep

Stock Code **FLOW-DISPLAY**
 Contains: 6 each **FLOW-KIT**,
 16 each **FLOW32**

Stock Code **FLOW-DISPLAYC**
 Contains: 6 each **FLOW-KITC***,
 16 each **FLOW32C***



Display measures:
 48" (122 cm) long
 54" (137 cm) high
 18" (46 cm) deep
 Extra racks: \$125.00 each
 Extra display: \$225.00 each



PLUMBING CENTER

Order the Following Products:

- 1 case #393 - Soft Touch Pliers
- 1 case #394 - Soft Jaw Wonder Pliers
- 1 case CF5 - 1/2" Wire Handle Fitting Brush
- 1 case CF75 - 3/4" Wire Handle Fitting Brush
- 1 case TL1429 - "Talon" Professional High Density Gray PTFE Tape
- 1 case IG8 - 8 oz. "Blue Magic" Thread Compound
- 1 case IG16 - 16 oz. "Blue Magic" Thread Compound
- 1 case TAL8 - 8 oz. "Talon" PTFE Thread Compound
- 1 case TF8 - 8 oz. "Select-Unyte" PTFE Thread Compound
- 1 case TF16 - 16 oz. "Select-Unyte" PTFE Thread Compound
- 1 case MT1 - 14 oz. "Make-Tyte" Plumber's Putty
- 1 case MT5 - 5 lb. "Make-Tyte" Plumber's Putty
- 1 case PL8 - 8 oz. PVC Clear Medium Bodied Low VOC Cement
- 1 case PL16 - 16 oz. PVC Clear Medium Bodied Low VOC Cement
- 1 case PPL8 - 8 oz. Low VOC Purple Primer
- 1 case PPL16 - 16 oz. Low VOC Purple Primer
- 1 case TDC1 - 1 lb. "Talon" Drain Opener
- 1 case TFB80 - "Tough-Boy" Towels
- 1 case TTW10 - 10.3 oz. White, Linen/Biscuit and/or Clear Caulk
- 1 case SIC10 - 10.3 oz. Clear or White RTV Silicone Sealant
- 1 case S1WR - Regular Wax Ring
- 1 case S1WS - Flanged Wax Ring
- 1 case FOS1SJ - Jumbo Flanged Wax Ring
- 1 case TWF1 - 1 lb. "Talon" Water Soluble Paste Flux
- 1 case WP10 - 10 yd. Waterproof Blue Sand Cloth

And Receive Prepaid Freight, 2% 60 Day Billing, Free 2 Foot Point-of-Purchase Display Rack & Free Case of 16 oz. "Talon" Walnut Shell Hand Cleaner (THC16).



Order the Following Products:

- 25 case Mix of Solvent Weld Cements and Primers
- 1 case #166 - 1" "Snapper" Tubing Cutter
- 1 case #38 - 1-5/8" "Sabertooth" Plastic Pipe Ratchet Cutter
- 1 case #20 - 2" "Piraña" Plastic Pipe Ratchet Cutter
- 1 case #GLS - Cotton Swab Applicator
- 1 case GW16 - 16 oz. "Glue-Wash" Hand Cleaner
- 1 case TAL8 - 8 oz. "Talon" PTFE Thread Compound

And Receive Prepaid Freight, 2% 60 Day Billing, Free 2 Foot Point-of-Purchase Display Rack, Free Case of 4 oz. "Glue-Wash" (GW4) Hand Cleaner.



*See terms of Guaranteed Sale and Return Policy on Page 38 of this price catalog.

DISPLAYS

POINT-OF-PURCHASE PROFIT CENTERS



D.O.T. CLASSIFIED SHIPPING TERMS: North American shipments containing Plastic Pipe Cements and Cleaners through quart size will be shipped Consumer Commodity ORM-D; gallon size requires the proper UN Number on Bills of Lading and a Flammable Red Label on all cartons. All cartons on shipments to overseas countries are required to have the proper UN Number on Bills of Lading and a Flammable Red Label on all cartons. North American shipments containing Talon Drain Opener 1 lb. and 2 lb. sizes will be shipped Consumer Commodity ORM-D; All cartons on shipments to overseas countries are required to have the proper UN Number on Bills of Lading and a Corrosive Warning Label on all cartons. North American shipments containing NOW! and QUIK! 32 oz. size will be shipped Consumer Commodity ORM-D; sizes over 32 oz. are required to have the proper UN Number on Bills of Lading and a Corrosive Warning Label on all cartons. All cartons on shipments to overseas countries are required to have the proper UN Number on Bills of Lading and a Corrosive Warning Label on all cartons. North American shipments containing Sludge•B•Gone, 32 oz. size, will be shipped Consumer Commodity ORM-D; gallon size requires the proper UN Number on Bills of Lading and a Flammable Red Label on all cartons. All cartons on shipments to overseas countries are required to have the proper UN Number on Bills of Lading and a Flammable Red Label on all cartons.

CARRIERS: J.C. Whitlam Manufacturing Company reserves the right to choose freight carriers on all prepaid shipments.

PRIOR NOTIFICATION: Charges by a carrier for notification prior to delivery, will be the responsibility of the customer.

PALLETIZATION: J.C. Whitlam Manufacturing Company will palletize and stretch-wrap. Customer will be notified of any additional charges prior to shipment. When receiving shipment, count and sign for individual cartons. All pallets shipped as individual cartons.

SHORTAGES & DAMAGE CLAIMS: Examine shipments on receipt for shortages or damage and file claims immediately with carrier. All damages or shortages must be noted on the carrier's Bill of Lading when receiving shipment. We will assist you in filing claims. Bills of Lading covering shipments are an acknowledgment by the Carrier of receipt of product in apparent Good Condition. If shipment is not delivered to you in good condition, it is your responsibility to make a claim against the Carrier. Always have the shortage or damage noted by the delivery driver on both the drivers and your copy of the delivery receipt with the drivers signature. These notations should also appear on the freight bill. Make your claim promptly to the Carrier, for the Carrier will not consider a claim unless presented within ninety days from date of delivery. If the shipment is to be rejected, notify J.C. Whitlam Manufacturing Company. If you accept from a Carrier a shipment that is short or damaged, without having proper inspections and notations made, you do so at your own risk. If there is concealed damage, call the Carrier's representative or agent to view the damage and have him mark the freight bill. Also obtain a copy of his inspection report. Concealed loss or damage, discovered after delivery of shipment, must be reported to Carrier's agent or representative immediately upon discovery, but no later than 15 days after receipt. Claims for loss or damage can not be deducted from our invoice, nor payment of invoice withheld awaiting adjustment of such claims.

LIMITED GUARANTEED SALE AND RETURN POLICY: No returns accepted without prior authorization being RECEIVED from our CORPORATE OFFICES in Wadsworth, Ohio. When Authorization is given, an Authorization Number will be issued which must appear on Shipping Documents. A trucking company will be designated which must be used. Any deviation from these requirements may cause the shipment to be refused. Products may be returned within two years of purchase date except for plastic solvent cements and cleaners, which may be returned within twelve months of purchase date. Freight must be paid by purchaser and returned in resalable condition. A repacking charge may be applied.

STANDARD PACKAGING: WHITLAM CHEMICAL AND PLUMB-PRO DIVISION PRODUCTS ARE SHIPPED IN FULL CASE QUANTITIES ONLY.

WARRANTY: J.C. WHITLAM MANUFACTURING CO. guarantees Whitlam and Plumb-Pro products to be in compliance with acceptable commercial standards for material and workmanship for a period of one (1) year from date of purchase, unless noted in price catalog. Complete products must be returned for credit or replacement.

This sheet supersedes all previous price catalogs. Prices and specifications subject to change without notice. Our liability on all products not to exceed amount of invoice value.



“TOUGH-BOY” TOWER OF TOWELS
Stock Code: TFB80A
See Page 16



“GLUE-WASH” HAND CLEANER
16 OZ. - 12 PACK
Stock Code: GW16
See Page 16



“TALON” HAND CLEANER
16 OZ. - 12 PACK
Stock Code: THC16
See Page 16



**"BLUE MAGIC"
THREAD SEALANT
1/2 PINT - 12 PACK
Stock Code: IG8A
See Page 8**



**"SELECT-UNYTE"
THREAD SEALANT
1/2 PINT - 12 PACK
Stock Code: TF8A
See Page 8**



**"T-U TYPE 555"
THREAD SEALANT
1/2 PINT - 12 PACK
Stock Code: TU8A
See Page 8**



**"TALON"
THREAD SEALANT
1/2 PINT - 12 PACK
Stock Code: TAL8A
See Page 9**



**"TALON"
PROFESSIONAL HIGH
DENSITY PTFE TAPE
Stock Code: TL1429
and TLW1429
See Page 10**



**"TAPE-UNYTE"
PTFE TAPE
12 PACK
See Page 10**



**"BLUE MAGIC"
THREAD SEALANT
2 oz. TUBES
12 TUBES PER DISPLAY
6 DISPLAYS PER CASE
Stock Code: IG2
See Page 8**



**"SELECT-UNYTE"
THREAD SEALANT
2 oz. TUBES
12 TUBES PER DISPLAY
6 DISPLAYS PER CASE
Stock Code: TF2
See Page 8**



**"BIG BUBBLE"
GAS LEAK DETECTOR
PINT - 12 PACK
Stock Code: LDS
See Page 20**



TALON products are innovation at work. Whitlam, the original maker of pipe-thread compounds, provides all the components you need to prevent any leak on any connection. That's freedom!

TALON BRAND PRODUCTS



TALON Thread Sealing Compound is the standard in thread sealants is an industrial grade, triple lubricant that is non-seizing and anti-galling in all types of metal and plastic threaded connections. Three times the power: graphite, ceramic microspheres, and virgin PTFE make for optimal sealing.

See Page 9.



TALON Professional Grade PTFE Tape is a heavy mil and high density tape that seals threads on stainless steel, cast iron, PVC, CPVC, and ABS fittings, brass and chrome, gas systems, and more.

See Page 10.



TALON Copper Anti-Seize Lubricant and Thread Sealant is lead free and non-seizing. Copper-based sealant conforms to MIL-A-907E specification. Service Rating to 1800° F (982° C).

See Page 9.



TALON Nickel Anti-Seize Lubricant and Thread Sealant is lead free and non-seizing. Nickel-based sealant conforms to MIL-A-907E specification. Service Rating to 2600° F (1427° C).

See Page 9.



TALON Water Soluble Paste Flux is a specially formulated, water flushable solder flux for use with 40/60, 50/50, 60/40 or 95/5 and lead-free solders. For use on copper and copper alloy, and eco-brass friendly. TALON paste flux is non-fuming and lead free: a self-cleaning formula, fast-drawing, noncorrosive, with zero VOC.

See Page 12.



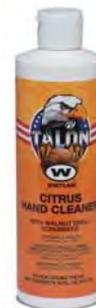
TALON Epoxy Putty is a hand-mixable, single-stick, fast-setting epoxy putty. Steel reinforced **TALON Epoxy for Steel** quickly repairs or rebuilds anything made of steel. **TALON Epoxy for Plastic** quickly repairs or rebuilds anything made of plastic. Each epoxy forms a shapeable polymer compound that can be molded, wrapped, or used to build and repair leaking pipes, ductwork, small parts, and more. Great for emergency repairs!

See Page 10.



TALON Drain Opener is a dry, flake drain opener that opens drains clogged by grease, hair and other organic matter, controls root growth, and opens grease traps fast without the dangers of acid-type drain openers. It works in less than 60 seconds to destroy hair and grease instantly, is safe for septic systems and will not harm chrome, polished brass or plastic. Excellent for monthly preventive maintenance.

See Page 16.



TALON Industrial Grade Hand Cleaner is a premium, citrus-based hand cleaning lotion with natural crushed walnut shell scrubbers for optimal deep cleaning. Made with citrus peel extract for breaking down the toughest grease, an environmentally responsible surfactant, and fortified with lanolin to keep hands soft and smooth. The cleaner washes away with no greasy residue. It is biodegradable and phosphate free.

See Page 16.

First, a little nostalgia. It can be hard to grasp how different life was in the year 1900. The light bulb, telephone and automobile were still new; and airplanes, moving pictures, and even paper clips were still only inventors' dreams.

But the world wasn't perfect. As shocking as it sounds, plumbers of that time used poisonous lead pastes to seal pipes.

A solution was at hand. In 1900, J.C. Whitlam II solved the problem with an invention he called "Tyte-Unyte[®]," the world's first non-poisonous thread compound. This formula was so enduring that today, it is still the standard of the plumbing industry.

One thing led to another. Tyte-Unyte[®] led to Select-Unyte, Blue Magic, Pack-Unyte, and many other products, including our new TALON Pipe Thread Compound. Today, J.C. Whitlam and its divisions, Whitlam Chemical and Plumb-Pro tools, provide hundreds of sealing compounds, lubricants, tape, packing, tools and other products for professionals in plumbing, heating, refrigeration and irrigation.

Whitlam today. Our companies are stronger than ever, with consistent quality production, innovation in chemical engineering and reliable customer service. Together, these make Whitlam a source you can trust for a long time to come.



When you consider the long history of Whitlam Manufacturing, you can be sure we will be here for you, just as we have been for more than 100 years.

Reliable service. We have always provided reliable service, but today we are dedicated, more than ever, to providing these services:

- convenient, friendly customer relationships
- fast, cost-conscious delivery options
- complete product information
- precise test data

Engineering expertise. You should also know that the product quality you depend on is based on chemical engineering expertise. We maintain quality control by testing products during manufacture, assure that packaging and shipping conditions are correct for the product, and explore new ways to bring you the next generation of products.

Innovative solutions and private labels.

We continue to develop custom solutions and to offer private labeling to meet your specific needs. After all, we were founded on innovation, and its spirit has never left us.

Sincerely,
Jack C. Whitlam IV
President



INDEX BY PRODUCT

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J.C. WHITLAM MFG. CO. MANUFACTURING QUALITY CHEMICAL PRODUCTS SINCE 1900		STOCK CODE	PAGE	STOCK CODE	PAGE
STOCK CODE	PAGE	FLOW-COM	15	FPPG - 38% PROPYLENE GLYCOL	
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AF - ANTI-FREEZE, SOLUTION	19	FLOW-KIT	15	FT - SOLDER FLUX	12
AL - ABS CEMENT	5	FOS1RB - WAX RING, REGULAR		GC - TURF COLORANT	35
AN - ACORN NUTS	17	WITH BOLTS	18	GK - BOWL GASKETS	18
AP - ALL PURPOSE CEMENT	5	FOS1RB-D - WAX RING, REGULAR		GL - GRAY MEDIUM PVC CEMENT	3
APR - ALL PURPOSE CEMENT	5	WITH BOLTS	18	GLP - GASKET LUBE	14
BA - BREAK-A-WAY TOILET BOLTS	17	FOS1RJ - WAX RING, REGULAR JUMBO	18	GT260 - GAS LINE PTFE TAPE	10
BD - ASPHALT PAINT	11	FOS1RP-D - WAX RING REGULAR		GT520 - GAS LINE PTFE TAPE	10
BF - FLASHING CEMENT	11	WITH BOLT KIT	18	GW - HAND CLEANER	16
BFC - FLASHING CEMENT	11	FOS1RU - WAX RING, REGULAR		HDP - HEAVY DUTY PVC CEMENT	3
BT - BOILER TREATMENT	20	WITH URETHANE	18	HPG - GREASE	14
C - CLEAR CLEANER	6	FOS1SB - WAX RING, FLANGED		HPL - CLEAR HEAVY BODIED PVC CEMENT	3
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CP - COPPER FITTING,		WITH BOLTS	18	IG - THREAD SEALANT	8
SOLID HANDLE BRUSHES	13	FOS1SJ - WAX RING, FLANGED		IR - IRRIGATION PVC CEMENT	4
CPG - CPVC CEMENT, GRAY	5	JUMBO	18	JAO - SAND CLOTH	12
CPL - CPVC CEMENT, YELLOW	5	FOS1SP-D - WAX RING, FLANGED		LTDB - LEAK TRACING DYE, BLUE	35
CPV - CPVC CEMENT, ORANGE	5	WITH BOLT KIT	18	LTDG - LEAK TRACING DYE, GREEN	35
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FLOW - DESCALER	15	FREEZE, CONCENTRATE	19	NI - ANTI-SEIZE LUBRICANT	9
		FPGL - 48% GLYCERINE ANTI-FREEZE	19	NW - DRAIN OPENER	16

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PL - CLEAR MEDIUM BODIED PVC CEMENT	3
POW - THREAD SEALANT	8
PPL - PURPLE PRIMER	6
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PT - SOIL PIPE CEMENT	11
QK - DRAIN CLEANER	16
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RD - CUTTING OIL, DARK	13
RL - CUTTING OIL, LIGHT	13
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S1WS - WAX RING, FLANGED	18
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S520 - PTFE TAPE	10
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TTL - LINEN/BISCUIT CAULK	11
TTW - WHITE CAULK	11
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**PLUMB-PRO
"QUALITY TOOLS FOR THE TRADE"**

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#26 - 1" PIPE INSULATOR	25
#33 - 4-WAY VALVE KEY	25
#37 - CUTTER PIN	33
#38 - RATCHET CUTTER	33
#39 - CUTTER BLADE	33
#40 - CUTTER SPRING	33
#41 - SCREWDRIVER BIT	23
#42 - SCREWDRIVER BIT	23
#43 - SCREWDRIVER BIT	23
#44 - SCREWDRIVER BIT	23
#46 - MASON TWINE	25
#48 - CAULKING GUN	11
#49 - WIRE PULLING TWINE	25
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#65 - 42" METER KEY	28
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#91 - CUTTER SPRINGS	33
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#120 - 1" FITTING REAMER	32
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#CPP - PINT CANS	24
#CQ - QUART CANS	24
#CQ100 - QUART CANS	24
#DHP - 1/2 PINT CPVC DAUBERS	24
#DP - PINT DAUBERS	24
#DPA - PINT DAUBERS	24
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The Industry Standard for Over 100 Years

J.C. Whitlam Manufacturing Company began manufacturing quality chemical products in 1900 with the introduction of TYTE-UNYTE® (pronounced Tight-Unite) Thread Sealing Compound for threaded pipe connections. It was the first non-poisonous thread compound manufactured and still remains the standard of the plumbing, heating and refrigeration industry today.

Since 1900, WHITLAM has continued to be the leader in producing quality products for plumbing, heating, refrigeration, oil field and industrial applications.

The Sales Force of Whitlam and Plumb-Pro Divisions consists of over 80 Manufacturer's Representative Organizations in the U.S.A. and in 18 Foreign Countries.

This Map shows the locations of the Whitlam/Plumb-Pro sales offices in the U.S.A.

★ Warehouse locations

Rancho Cucamonga, CA; Denver, CO; Longwood, FL; Orlando, FL; Kansas City, KS; Salt Lake City, UT; Wadsworth, OH; Carp, ON; Regina, SK; Vancouver, BC

- World Headquarters and Manufacturing in Wadsworth, OH

■ Conveniently located, wherever you are.

Whitlam and Plumb-Pro sales are coordinated through more than 80 teams of manufacturer representatives in the Americas and overseas.



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