

Clean-Fit Products



100TH MILL-ROSE
Anniversary | 1919-2019
A Century of Brushmaking Excellence

About The Mill-Rose Company

The Mill-Rose Company is the largest U.S. manufacturer of twisted-in-wire brushes used in virtually every type of industry throughout the world. Mill-Rose is a multi-division, family-owned organization now in its fourth generation that takes pride in its history of serving satisfied customers. Our company-wide philosophy has always been "The customer is king" and we believe knowledge, integrity and trust are the cornerstone on which solid relationships are built. Mill-Rose knows about solid relationships, having served many of its customers over the past 100 years!

Mill-Rose experienced significant growth from its humble beginnings in 1919, and today operates manufacturing and warehouse facilities throughout the United States and Mexico. A 64,000 square foot production facility in Mentor, Ohio and 33,000 square foot production facility in Mexico feature the latest in manufacturing techniques and quality-control programs. Production was recently complemented by a new 70,000 square foot U.S. distribution center with state-of-the-art inventory management and distribution.

Mill-Rose is uniquely suited to manufacture brushes as tiny as .018" in diameter up to 15" wire wheel brushes using a diverse range of metals and natural or synthetic fibers for bristle material. Production runs vary from high-volume standard or custom orders, to small-volume specialty orders. Styles and types of brushes include, but are not limited to, twisted-in-wire, strip brushes, staple set, end, cup, wheel, drawn and more. Mill-Rose manufactures well over 100,000 standard and not-so-standard items.

About Clean-Fit Products

Strong demand for Mill-Rose brushes by the plumbing, heating and cooling industry led to the formation of Clean-Fit Products, a fast-growing division serving professional contractors through wholesalers and Do-It-Yourself home centers. While Clean-Fit Products' principle product line is brushes, the division offers thousands of complementary products including a complete line of abrasives, PTFE thread sealants and specialty tools. Several years ago a brand by the name of Blue Monster® was developed offering PHC contractors high-end, time saving products. A Blue Monster trade character was specially developed to help market the brand which continues to grow at a rapid pace. The Blue Monster brand is widely recognized by the trades for quality and reliability.

About Mill-Rose Laboratories

Mill-Rose Laboratories manufactures a complete line of disposable and reusable cytology brushes, snares, baskets and related products for the Gastrointestinal and Pulmonary areas of medicine. Mill-Rose Laboratories is the leading source for biopsy/micro brushes and stainless steel wire forms used in a broad range of medical products. On any given day, Mill-Rose engineers are working with medical personnel from around the world developing new proprietary items that help properly diagnose and lead to life-saving treatments.



Clean-Fit Products' manufacturing and distribution facility in Mentor, Ohio



Mill-Rose Industrial



Ordering Procedure

The Mill-Rose Company has an extensive network of local distributors throughout the country to assist with product recommendations and support. To place an order, contact a distributor in your area or call

Customer Service at 800.321.3598 for the distributor nearest you.












For custom-designed brushes, contact our engineering department at 800.321.3533.

Warranty

Mill-Rose Company warrants all Clean-Fit products to be free from defects in material and workmanship. Mill-Rose's liability is limited to replacing any product proven defective, when returned prepaid to our factory. Returns must be authorized prior to shipment. No other warranty is expressed or implied. Mill-Rose neither assumes nor authorizes any person to assume any liability in connection with the sale of its products.

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MILL-ROSE

PTFE Tapes & Thread Sealants

Blue Monster® PTFE Thread Seal Tape - Mini-Monster Contractor Grade

*Rugged, general purpose tape in a monstrous 1429" roll!
Ideal for hundreds of applications.*

Blue Monster is a higher-quality PTFE sealing tape that is easier to apply. Blue Monster has not been stretched during the manufacturing process, so it is thicker and creates a more effective seal with less tape, and no need for pipe dope. Use Blue Monster on threads made from galvanized steel, iron, brass, copper, aluminum, stainless steel, polyethylene, polypropylene, PVC, CPVC, ABS, fiberglass and more.



Specifications:

- Composition:** 99.6% PTFE < 0.4% Pigment
- Color:** Blue
- Thickness:** 0.0035" +/-10% (0.0889 mm +/-10%)
- Density:** 0.8g/cm³
- Elongation:** 100%
- PSI rating:** 10,000 PSI (69,000 kPa) water and oil
- Temperature range:** -450°F to +500°F (-268°C to +260°C) PTFE is completely stable up to +500°F or +260°C. Decomposition is slow up to +750°F or +400°C. Decomposition will occur on contact with naked flames.
- Tensile strength:** 115N/mm²

Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
70659	1/4" x 520"	10	100	0.5 lbs.
70660	1/2" x 260"	144	720	5.5 lbs.
70661	1/2" x 520"	144	720	7.5 lbs.
70662	3/4" x 260"	100	500	5.0 lbs.
70663	3/4" x 520"	100	500	7.0 lbs.
70664	1" x 260"	120	600	8.0 lbs.
70665	1" x 520"	120	600	11.0 lbs.
70885	1/2" x 1429"	45	270	5.5 lbs.
70886	3/4" x 1429"	27	162	5.0 lbs.
70887	1" x 1429"	27	162	5.75 lbs.
70888	2" x 1429"	27	162	11.40 lbs.



Blue Monster PTFE Thread Seal Tape is available in a point-of-sale shelf and counter display.



Blue Monster® Gas Guard PTFE Thread Seal Tape

Monstrous 1000" roll! Color coded yellow for easy identification by gas companies worldwide.

Blue Monster Gas Guard PTFE thread sealing tape is designed specifically for gas lines. This is a full or maximum-density thread sealing tape. Blue Monster Gas Guard tape is approved by relevant authorities and used by the gas industry world-wide. It's color-coded yellow so fitters and inspectors can easily recognize it as an approved tape. Ideally suited for natural gas, propane and butane lines. Use on threads of approved gas piping systems. Do not use Blue Monster Gas Guard Thread Seal Tape on oxygen systems.



Blue Monster Gas Guard PTFE Thread Seal Tape is available in an attractive point-of-sale shelf and counter display.



Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
70826	1/2" x 1000"	30	180	4.0 lbs.
70827	3/4" x 1000"	24	144	5.0 lbs.

Specifications:

- Composition:** 99.0% PTFE <1.0% Pigment
- Color:** Yellow
- Thickness:** 0.004" +/-10% (0.102mm +/-10%)
- Density:** 1.5g/cm³ +/-10%
- Elongation:** >100%
- Temperature range:** -400°F to +500°F (-268°C to +260°C) PTFE is completely stable up to +500°F or +260°C. Decomposition is slow up to 750°F or 400°C. Decomposition will occur on contact with naked flames.
- Tensile strength:** 10-17 N/mm²



Certified to comply with the provisions of MilSpec T-27730A, UL-listed, CSA approved

PTFE Tapes & Thread Sealants

3-Wrap Yellow Gas Thread Seal Tape

Just 3 wraps is all you need for leak-proof joints.

Mill-Rose 3-Wrap Yellow Gas Seal Tape is a PTFE thread sealing tape designed



specifically for gas lines. This is a full or maximum-density thread sealing tape.

Mill-Rose 3-wrap yellow gas seal tape is approved by relevant authorities and used by the gas industry



world-wide. It's color-coded yellow so fitters and inspectors can easily recognize it as an approved tape.

Applications: Ideally suited for natural gas, propane and butane lines.

Use on pipe made from galvanized steel, iron, brass, copper, aluminum, stainless steel, polyethylene, polypropylene, PVC, CPVC, ABS and fiberglass. Do not use Gas Thread Seal Tape on oxygen systems.

Certified to comply with the provisions of MilSpec T-27730A, UL-listed, CSA approved.



Reference Mill-Rose specification sheet for additional uses and applications.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
70820	1/2" x 260" Rolls	10	.4 lbs.
70830	3/4" x 260" Rolls	8	.3 lbs.
70840	1" x 260" Rolls	6	.3 lbs.

Display Packaging - 3-Wrap Yellow Gas Line Tape

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70821	1/2" x 260" Carded	10	.60 lbs.
70822	1/2" x 260" 40 Pk. Counter Disp.	1	2.1 lbs.
70823	3/4" x 260" 24 Pk. Counter Disp.	1	1.5 lbs.
70824	1" x 260" 24 Pk. Counter Disp.	1	2.0 lbs.
70825	1/2" x 260" 10 Pk. Dispenser	1	.60 lbs.
70835	3/4" x 260" 6 Pk. Dispenser	1	.71 lbs.
70845	1" x 260" 6 Pk. Display	1	.89 lbs.

Specifications:

- Composition:** 99.0% PTFE <1.0% Pigment
- Color:** Yellow
- Thickness:** 0.004" +/-10% (0.102mm +/-10%)
- Density:** 1.5g/cm³ +/-10%
- Elongation:** >100%
- Pressure rating:** In tests conducted by an independent laboratory Mill-Rose 3-Wrap Yellow Gas Seal Tape was found to seal fittings carrying natural gas at pressures up to 4,347 PSI or 30,000kPa when applied as per instructions. Note: Pressure ratings are relative to the quality and torque of the fittings and the amount of tape used.
- Temperature range:** -400°F to +500°F (-268°C to +260°C) PTFE is completely stable up to +500°F or +260°C. Decomposition is slow up to 750°F or 400°C. Decomposition will occur on contact with naked flames.
- Tensile strength:** 10-17 N/mm²

Green Full-Density Oxygen Thread Seal Tape

Mill-Rose Full-Density Green Thread Seal Tape is over five times heavier than common sealing tapes so you can use it and never worry about contaminating systems. Because it is degreased; it has no residual lubricant, unlike common tapes made with petroleum as a lubricant. Specifically developed for oxygen installations, Green thread seal tape is both safe and reliable to use; it is chemically inert and won't support combustion.

Applications: Oxygen lines, systems and other flammable environments. Also may be used on most liquid, oil and chemical installations.

Oxygen sealant tape is a degreased version of Gas Seal Tape. Meets MilSpec T-27730A (A-A58092) and has the approval of most gas companies: AIRCO (USA), British Oxygen Co. (UK), CANOX (Canada), Commonwealth Ind. Gases (Aus.) and Air Liquid (France).

Reference Mill-Rose specification sheet for additional uses and applications.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
70850	1/2" x 260" Rolls	10	.40 lbs.
70852	3/4" x 260" Rolls	8	.30 lbs.
70854	1" x 260" Rolls	6	.50 lbs.

Display Packaging - Green PTFE Thread Seal Tape

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70861	1/2" x 260" 10 Pk. Dispenser	1	.60 lbs.
70862	3/4" x 260" 6 Pk. Dispenser	1	.71 lbs.
70863	1" x 260" 6 Pk. Dispenser	1	.89 lbs.
70865	Wire Rack Display	1	.25 lbs.

Specifications:

- Composition:** 99.6% PTFE <0.4% pigment
- Color:** Green
- Thickness:** 0.0045" +/-10% (.0115mm +/-10%)
- Density:** 1.5g/cm³ +/-10%
- Elongation:** >100%
- Pressure rating:** Mill-Rose Green Oxygen Tape has been used regularly on oxygen fittings at pressures up to 2,173.9PSI or 15,000kPa. Note: Pressure ratings are relative to the quality and torque of the fittings and the amount of tape used.
- Temperature range:** -450°F to +500°F (-268°C to +260°C) PTFE is completely stable up to +500°F or +260°C. Decomposition is slow up to 750°F or +400°C. Although decomposition will occur on contact with naked flames.
- Tensile strength:** 9-13N/mm²



MILL-ROSE

PTFE Tapes & Thread Sealants

3-Wrap Red Waterline Tape

Just 3 wraps is all you need for leak-proof joints.

Mill-Rose 3-Wrap Red Thread Sealing Tape is a PTFE tape designed specifically to seal lines carrying steam, water and other liquids. This is a full or maximum-density tape. Unlike most thread sealing tapes on the market, 3-Wrap tape has not been stretched during the manufacturing process. Stretching lowers the apparent density of tape by increasing its porosity. As stretched tape is more porous, more tape is required to obtain an effective seal.

Applications: Use 3-Wrap Red Waterline Tape on pipe made from galvanized steel, iron, brass, copper, aluminum, stainless steel, polyethylene, polypropylene, PVC, CPVC, ABS and fiberglass.



3-Wrap Red Waterline Tape is available in self-dispensing wall and counter displays, or carded for pegboard display.



Specifications:

Composition: 99.0% PTFE <1.0% Pigment
Color: Pink
Thickness: 0.004" +/-10% (0.102mm +/-10%)

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70189	1/4" x 520" Rolls	10	.14 lbs.
70796	1/2" x 260" Rolls	10	.14 lbs.
70797	1/2" x 540" Rolls	10	.3 lbs.
70798	3/4" x 260" Rolls	8	.18 lbs.
70801	3/4" x 540" Rolls	8	.35 lbs.
70799	1" x 260" Rolls	6	.44 lbs.
70874	1" x 540" Rolls	6	.88 lbs.

Display Packaging - 3-Wrap Red Waterline Tape

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70875	1/2" x 260" 40 Pk. Counter Disp.	1	2.0 lbs.
70876	3/4" x 260" 24 Pk. Counter Disp.	1	1.4 lbs.
70877	1" x 260" 24 Pk. Counter Disp.	1	1.4 lbs.
70878	1/2" x 260" 10 Pk. Dispenser	1	.5 lbs.
70879	3/4" x 260" 6 Pk. Dispenser	1	.6 lbs.
70881	1" x 260" 6 Pk. Dispenser	1	.6 lbs.

Density: 1.5g/cm³ +/-10%

Elongation: >100%

Pressure rating: In tests conducted by an independent laboratory Mill-Rose 3-Wrap Red Waterline Seal Tape was found to seal fittings carrying water at pressures up to 4,347 PSI or 30,000kPa when applied as per instructions. Note: Pressure ratings are relative to the quality and torque of the fittings and the amount of tape used.

Temperature range: -450°F to +500°F (-268°C to +260°C) PTFE is completely stable up to +500°F or +260°C. Decomposition is slow up to 750°F or 400°C. Decomposition will occur on contact with naked flames.

Tensile strength: 10-17 N/mm²

Blue Monster Silver-Seal PTFE Thread Seal Tape

Blends with high-end finishes including chrome, stainless steel and nickel for dependable, leak-proof joints.

Blue Monster® Silver-Seal Tape creates dependable, leak-free joints on plumbing fixtures made with chrome, stainless steel and nickel finishes. The silver color of this professional-grade tape blends with high-end finishes minimizing any exposure. Unsightly thread seal tape previously exposed on high-end fixtures, cheapening their appearance, is a thing of the past. Best of all, contractors can rely upon the sealing quality of Blue Monster Silver-Seal tape; it's thicker and creates a more effective seal with less tape.



Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
70658	1/2" x 520" roll	30	360	3.0 lbs.



Temperature range: -450°F to +500°F (-268°C to +260°C) PTFE is completely stable up to +500°F or +260°C. Decomposition is slow up to +750°F or +400°C. Decomposition will occur on contact with naked flames.

Tensile strength: 115N/mm²

Build sales at the point-of-purchase with this Blue Monster Silver-Seal PTFE Thread Seal Tape shelf/counter display.



PTFE Tapes & Thread Sealants

Medium Density PTFE Thread Sealant Tape

Mill-Rose medium-density PTFE thread sealing tape designed for a broad range of applications.

Just 3 wraps is all you need for dependable, leak-proof joints on lines carrying steam, water and other liquids. This tape is also compatible with most gases, but for gas lines, Mill-Rose 3-Wrap Yellow Gas Seal Tape is recommended.



Specifications:

Composition: 100% pure virgin PTFE
Color: White
Thickness: 0.0025" +/-10% (0.0635mm +/-10%)
Density: 0.7g/cm³ +/-10%

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70988	1/2" x 260"	144	5 lbs.
70989	1/2" x 520"	144	6 lbs.
70990	1/2" x 1296"	144	11 lbs.
70991	3/4" x 260"	144	7 lbs.
70992	3/4" x 520"	144	9 lbs.
70993	3/4" x 1296"	144	16 lbs.
70994	1" x 260"	144	10 lbs.
70995	1" x 520"	144	12 lbs.
70996	1" x 1296"	144	22 lbs.

Elongation: >50%
PSI rating: 10,000 PSI (69,000 kPa) water and oil
Temperature range: -450°F to +500°F (-268°C to +288°C) PTFE is completely stable up to +500°F or +288°C. Decomposition is slow up to 750°F or +400°C. Decomposition will occur on contact with naked flames.
Tensile strength: 1000 PSI

Standard Quality White Thread Sealant Tape

Just because it is white, do not confuse Mill-Rose Better Quality PTFE Sealant Tape with the cheaper, stretched white tape currently on the market as a commodity. Unlike those stringy, flimsy tapes, that are stretched razor thin before you get them, Mill-Rose Standard Quality Thread Seal Tape is sixteen percent (16%) thicker and certified to comply with the provisions of MilSpec MIL-T-27730A.



Specifications:

Composition: 100% virgin PTFE
Color: White
Thickness: .003 +/- 10%
Density: 0.6g/cm³ +/- 10%
Elongation: More than 50%
PSI rating: 3000 PSI (68.95 mPn)
Temperature range: -450°F to +500°F (-268°C to +260°C)
Combustion: Does not support combustion
Shelf Life: Indefinite

Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
70193	1/2" x 100"	10	1000	.07 lbs.
70190	1/2" x 260"	10	1000	.17 lbs.
70200	1/2" x 520"	10	1000	.34 lbs.
70202	1/2" x 1,296"	50	520	4.24 lbs.
70195	3/4" x 260"	8	800	.15 lbs.
70196	3/4" x 520"	8	800	.30 lbs.
70806	3/4" x 1296"	50	336	5.64 lbs.
70203	1" x 260"	6	600	.16 lbs.
70209	1" x 520"	6	600	.32 lbs.
70807	1" x 1296"	50	336	6.75 lbs.

Display Packaging - White PTFE Thread Seal Tape

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70204	1/2" x 100" - 40 Pk.Counter Dspl	1	1.2 lbs.
70207	1/2" x 260" - 40 Pk.Counter Dspl	1	1.4 lbs.
70208	1/2" x 520" - 40 Pk.Counter Dspl	1	1.6 lbs.
70191	1/2" x 260" - Carded	10	.71 lbs.

PTFE Cord Packing

This self-forming, self-lubricating, non-toxic cord packing is made of 100% pure PTFE. It is resistant to most liquids and gases. PH range from 0 to 14. Temperature range from -450°F to +450°F. PSI range is 1500 to 3000.

Typical applications include valve packing, rotating and reciprocating shafts, pump shafts and large-diameter thread sealing.



PTFE Cord Packing - Dispenser Pack

Cat #	Size	Ft. per Pkg.	Std. Pkg.	Wgt./Pkg.
70290	3/32"	40	1	1.00 lbs.
70300	1/8"	30	1	1.00 lbs.
70302	3/16"	16	1	1.00 lbs.
70304	1/4"	10	1	1.00 lbs.

PTFE Cord Packing - Display Handy Pack

Cat #	Size	Ft. per Pkg.	Std. Pkg.	Wgt./Pkg.
70326	3/32"	4	5	.50
70306	1/8"	4	5	.50
70308	3/16"	4	5	.50
70310	1/4"	4	5	.50



MILL-ROSE

PTFE Tapes & Thread Sealants

Blue Monster Industrial Grade Thread Sealant with PTFE

Formulated for extra lubrication on metal pipe threads, BLUE MONSTER Industrial Grade Thread Sealant with PTFE is a slow-drying, soft-setting, non-hardening pipe thread compound. BLUE MONSTER has a high bulk density, which means there are more solids in the formulation. Recommended for on-site or assembly line work. It is lead-free, non-toxic and will not harden or separate in the can.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
76000	2 fl. oz. Squeeze Tube	24	4 lbs.
76001	1/4 pint / 4 fl. oz. / 118 ml	24	15 lbs.
76003	1/2 pint / 8 fl. oz. / 237 ml	24	23 lbs.
76005	1 pint / 16 fl. oz. / 473 ml	12	22 lbs.
76017	1 quart / 32 fl. oz. / .95 liter	12	48 lbs.

Meets Mil. Spec. TT-S-1732

Temperature Range: -50°F (-45°C) to +400°F (204°C)

Pressure ratings: Gases up to 3,000 PSI (211 kg/cm²)
Liquids up to 10,000 PSI (703.1 kg/cm²)

Not recommended for use on oxygen systems.

Use Clean-Fit 3-wrap Oxygen PTFE Tape.



pw/dwv/sw
Standard 14
Standard 61



ANSI
LC7-2009

Blue Monster Industrial Grade Thread Sealant

BLUE MONSTER Industrial Grade Pipe Thread Compound is a slow-drying, soft-setting, non-hardening pipe thread compound. Specially formulated with superb "sticking" characteristics, BLUE MONSTER applies evenly and quickly threads. Recommended for on-site or assembly line work, BLUE MONSTER is lead-free, non-toxic and will not harden or separate in the can.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
76007	2 fl. oz. Squeeze Tube	24	4 lbs.
76009	1/4 pint / 4 fl. oz. / 118 ml	24	15 lbs.
76011	1/2 pint / 8 fl. oz. / 237 ml	24	23 lbs.
76015	1 pint / 16 fl. oz. / 473 ml	12	22 lbs.
76019	1 quart / 32 fl. oz. / .95 liter	12	48 lbs.

Meets Mil. Spec. TT-S-1732

Temperature Range: -50°F (-45°C) to +400°F (204°C)

Pressure ratings: Gases up to 3,000 PSI (211 kg/cm²)
Liquids up to 6,000 PSI (422 kg/cm²)

Not recommended for use on oxygen systems.

Use Clean-Fit 3-wrap Oxygen PTFE Tape.



pw/dwv/sw
Standard 14
Standard 61

Blue Monster Stay-Soft Thread Sealant with PTFE

Specially formulated for residential and commercial fire sprinkler systems

Blue Monster Stay-Soft PTFE enriched pipe thread compound does not harden and allows for pre-fab application to threads weeks before system assembly and pressurization. Stay-Soft is non-seizing and allows for easy disassembly of any threaded connection years after assembly. Easy clean-up and indefinite shelf life.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
76023	1/4 pint / 4 fl. oz. / 118 ml	24	18 lbs (8.2 kg)
76025	1/2 pint / 8 fl. oz. / 237 ml	24	26 lbs (11.8 kg)
76027	1 pint / 16 fl. oz. / 473 ml	12	25 lbs (11.3 kg)
76029	1 quart / 32 fl. oz. / .95 liter	12	50 lbs (22.7 kg)

Approved for use on all metal threaded connections, FlowGuard Gold®, Blazemaster®, and Corzan® pipe and fittings.

Meets Mil. Spec. TT-S-1732

Temperature range: -15°F (-20°C) to +400°F (204°C)

Pressure ratings: Gases up to 5,000 PSI (351.5 kg/cm²)
Liquids up to 10,000 PSI (703.1 kg/cm²)



Anti-Seize Lubricants & Tapes

Stainless Steel Pipe Thread Sealing Tape

Mill-Rose Stainless Steel Thread Sealing PTFE Tape is a unique thread sealing tape which prevents stainless steel fittings from galling or seizing during assembly and disassembly. The tape is thicker and denser than most tapes. The added thickness and density ensures an effective seal up to 12,000 PSI. Do not use on Oxygen systems - See Green Oxygen Tape in this section.



Applications: Stainless steel pipe systems, including joints and connections, bolts, nuts, valves, flanges, studs, threaded fittings, bushings, plugs and assemblies. Also used for protection from corrosion, seizing, galling, rust carbon fusion and galvanized pitting.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70891	1/2" x 260" Rolls	10	.41 lbs.
70892	3/4" x 260" Rolls	8	.51 lbs.
70893	1" x 260" Rolls	6	.82 lbs.

Specifications:

Composition: 90% PTFE/10% nickel
Color: Silver
Thickness: 0.0045" +/-10% (0.115mm +/-10%)
Density: 1.6g/cm³ +/-10%
Elongation: 50%
Temperature range: -450°F to +500°F (-268°C to +260°C) PTFE is completely stable up to +500°F or +260°C. Decomposition is slow up to 750°F or +400°C. Decomposition will occur on contact with naked flames.
Tensile strength: 10-12N/mm²

Blue Monster® Nickel Guard® Anti-Seize Thread Seal Tape

Easy assembly and disassembly of threaded components

- 10% Nickel Flake Content
- A clean and efficient alternative to anti-seize compounds
- A nickel impregnated PTFE thread sealing tape designed for stainless steel fittings
- Anti-seize assistance up to 2,651°F (1,455°C)



A unique thread sealing tape that prevents stainless steel fittings from galling or seizing during assembly and disassembly. This tape is impregnated with nickel powder which acts like bearing plates, keeping the surface of the male/female threads apart. Further protection is provided with this thicker and denser tape that ensures an effective seal. Blue Monster® Nickel Guard® Anti-Seize Thread Sealing Tape is recommended for stainless steel pipe and fittings but it is compatible with a wide range

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70894	1/2" x 600"	10	1.14 lbs.
70895	3/4" x 600"	8	1 lb.

of piping materials for use with a wide range of gases and liquids. Additional features include no curing time, effective across a broad range of temperatures, and it's non-toxic and non-flammable.

Specifications:

Composition: 90% PTFE / 10% nickel
Color: Silver
Thickness: 0.0045" +/- 10% (0.115mm +/-10%)
Density: 1.6g/cm³ +/- 10%
Elongation: 50%
Temperature range: -450°F to +500°F (-268°C to +260°C) PTFE is completely stable up to +500° F or +260° C. Decomposition will occur on contact with naked flames. Upon decompositiion, the remaining copper powder will assist disassembly. Nickel flake will melt at 2,651°F or 1,455°C.
Tensile strength: 10-12N/mm²

Copper-Filled PTFE Tape for Anti-Seize Thread Sealing

A clean copper based, high-temperature, anti-seize material for protection from corrosion, seizure, galling, rust carbon fusion, galvanic pitting. The copper acts like ball bearings. This tape maintains its elasticity where temperatures reach as high as 500°F-direct flame. Meets UL requirements for seal tests.



Applications: Bolts, studs, threaded fittings and couplings, valve shafts, cylinder heads, manifolds and any other connection in a hostile environment (boilers, ovens, exhaust manifolds, hot water storage tanks, pumps, burner assemblies, turbo charger fittings, etc.)

Do not use on oxygen systems.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
70800	1/2" x 120" Rolls	10	.22 lbs.
70811	1/2" x 600" Rolls	10	1.14 lbs.
70805	3/4" x 120" Rolls	8	.44 lbs.

Specifications:

Composition: 90% PTFE/ 10% Copper
Color: Copper
Thickness: 0.0045" +/-10% (0.115mm +/-10%)
Density: 1.5g/cm³ +/-10%
Elongation: >100%
Temperature range: The tape is completely thermally stable at temperatures between -450°F to +500°F (-268°C to +260°C) PTFE in the tape will slowly decompose up to 750°F or 400°C. Decomposition will occur on contact with naked flames. Upon decomposition, the remaining copper powder will assist disassembly. The copper flake will melt at 1981°F or 1083°C
Tensile strength: 9-13N/mm²

Reference Mill-Rose specification sheet for additional uses & applications.



MILL-ROSE

Anti-Seize Lubricants & Tapes

Blue Monster® Copper Guard® Anti-Seize Thread Seal Tape

Easy assembly and disassembly of threaded components

- 10% Copper Flake Content
- A clean and efficient alternative to anti-seize compounds
- A copper impregnated PTFE thread sealing tape
- Anti-seize assistance up to 1,984°F (1,084°C)



Designed to permit the easy assembly and disassembly of threaded components. It takes the place of messy and potentially contaminating anti-seize compounds. Blue Monster® Copper Guard® Anti-Seize Tape is manufactured from a copper filled PTFE resin that provides excellent lubricity and helps prevent galling during assembly and disassembly of components. When wrapped around a thread, Mill-Rose Blue Monster® Copper Guard® Anti-Seize Tape seals it from corrosive substances or any dirt or grit likely to cause seizure. Apply to any threaded component made from galvanized steel, steel, iron, brass, copper, aluminum, titanium and magnesium. It is not recommended for stainless steel.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70811	1/2" x 600"	10	1.14 lbs.
70812	3/4" x 600"	8	1 lb.

Specifications:

- Composition:** 90% PTFE / 10% copper
- Color:** Copper
- Thickness:** 0.0045" +/- 10% (0.115mm +/-10%)
- Density:** 1.6g/cm³ +/- 10%
- Elongation:** 50%
- Temperature range:** -450°F to +500°F (-268°C to +260°C) PTFE is completely stable up to +500° F or +260° C. Decomposition will occur on contact with naked flames. Upon decomposition, the remaining copper powder will assist disassembly. Copper flake will melt at 1,984°F or 1,084°C.
- Tensile strength:** 10-12N/mm²

Blue Monster® Copper Anti-Seize Lubricant

Copper anti-seize lubricant for use on all metal pipe and fittings.

Mill-Rose Blue Monster Copper Anti-Seize is a specially formulated copper-based lubricant for high temperature up to 1800°F (982°C) and high pressure environments. Blue Monster Copper Anti-Seize lubricant will not bleed, separate, or settle. Prevents pressure leakage and seizing resulting from high temperature, freezing, heavy loads, corrosion, and vibration.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
76024	10 oz. / .625 lb. / 283 g	12	9.5 lbs.
76026	16 oz. / 1 lb. / 454 g	12	15.2 lbs.

- Copper anti-seize lubricant for use on all metal pipe and fittings.
- Temperature Range Use:
Gases: -0°F (-17°C) to 1800°F (982°C)
Liquids: -0°F (-17°C) to 1800°F (982°C)
Brushable to: 10°F (-12°C)
Pour Point: 32°F (0°C)

Blue Monster® Nickel Anti-Seize Lubricant

Pure nickel anti-seize compound for use on stainless steel pipe and fittings.

Blue Monster Nickel Anti-Seize is an extreme service anti-seize lubricant for use in a high temperature environment (up to 2600°F /1427°C). For use in applications where copper, lead, moly-disulfide, chlorides, and fluorides cannot be tolerated. Blue Monster Nickel Anti-Seize lubricant is chemically inert and can be used with most chemicals that are unstable with copper-type compounds. Provides excellent resistance to chemical oxidation and/or corrosion. Prevents rusting, seizing, welding, or galling. Not for use on potable water systems.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
76020	1/2 pint / 8 fl. oz. / 237 ml	12	10 lbs.
76022	1 pint / 16 fl. oz. / 473 ml	12	19 lbs.

- High temperature lubricant for use on stainless steel, PVC, CPVC, nylon, polypropylene, plastics and all metals.
- Temperature Range Use:
Gases: -0°F (-17°C) to 2600°F (1427°C)
Liquids: -0°F (-17°C) to 2600°F (1427°C)
Brushable to: 10°F (-12°C)
Pour Point: 32°F (0°C)

Solvent Weld Cements & Specialty Chemicals

Blue Monster 1-Step Weatherproof PVC Cement Blue and Clear Formulas

*Self-priming PVC glue
simplifies installations*

Blue Monster 1-Step PVC cement is a self-priming PVC pipe glue that requires no additional primer. Blue Monster's 1-step joining process simplifies installations by reducing labor and offers faster curing times before pressure testing. Ideal for under-the-sink jobs and home remodels. Use on all classes of rigid and flexible PVC pressure pipe, including Sch. 80, up to 6" in diameter and 8" diameter on nonpressure rigid and flexible PVC pipe.



1-Step
Blue PVC Cement



1-Step
Clear PVC Cement



Cat #	Description	Std. Pkg.	Wgt./Pkg.
Blue PVC Cement			
76030	1/4 pint / 4 fl. oz. / 118 ml	24	10 lbs.
76032	1/2 pint / 8 fl. oz. / 237 ml	24	16 lbs.
76034	1 pint / 16 fl. oz. / 473 ml	12	15 lbs.
76036	1 quart / 32 fl. oz. / .95 liter	12	28 lbs.
Clear PVC Cement			
76031	1/4 pint / 4 fl. oz. / 118 ml	24	10 lbs.
76033	1/2 pint / 8 fl. oz. / 237 ml	24	16 lbs.
76035	1 pint / 16 fl. oz. / 473 ml	12	15 lbs.
76037	1 quart / 32 fl. oz. / .95 liter	12	28 lbs.

Medium Body - Low VOC

Blue Monster 1-Step PVC cement emits less than 510 grams per liter VOC when tested according to SCAQMD method 316 A.



pw/dww/sw
Standard 14
Standard 61

*Use without primer where acceptable by local code.

Blue Monster® Drain Banger

Professional strength, odorless drain opener

Blue Monster Drain Banger devours hair, grease, soap and oils that slow and plug drain lines in less than 60 seconds! Blue Monster Drain Banger is a hot water activated non-acid drain cleaner designed to be used by professional contractors only. It is odorless and will not harm plumbing fixtures, porcelain or septic systems.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
76055	1 lb. (453 g)	24	26 lbs
76057	2 lbs. (907 g)	12	26 lbs
76059	6 lbs. (2722 g)	4	24 lbs

- Devours hair, grease, soap, oils and other organic materials that slow and plug drain lines in less than 60 seconds!
- For professional contractors only!
- Non-acid.

Blue Monster® Microbubble Gas Leak Detector

Detects even the smallest of leaks

Blue Monster® Microbubble leak detector is a sensitive solution formulated to detect even the smallest of leaks in air and gas lines, tanks, cylinders, valves, fittings, pipelines, and other suspect areas. Blue Monster's dependable formula provides long lasting leak detection up to 10 minutes after application. Ideal for identifying leaks in refrigeration and air conditioning systems, this easy-to-use leak detector is equally effective on natural gas, propane, butane, air, nitrogen, chlorine, CO2, and most other gases. Not for use on oxygen systems.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
71023	1/2 pint / 8 fl. oz. / 236 ml	24	16 lbs.
71025	1 pint / 16 fl. oz. / 473 ml	12	15 lbs.
71027	1 quart / 32 fl. oz. / 936 ml	12	31 lbs.
71029	1 gallon / 3.75 liters	4	37 lbs.

- Non-freezing formula usable from -10°F (-23°C) to 215 (101°C).
- Will not cause corrosion or deterioration of metal or plastic piping systems.
- Ideal for testing pressure less than 1psi.

Solvent Weld Cements & Specialty Chemicals

Blue Monster Heavy-Duty Citrus Scrubbing Towels

Clean hands, tools, equipment, and hard surface areas with these convenient scrubbing towels.

BLUE MONSTER scrubbing towels are pre-moistened, heavy-duty cleaning towels dispensed from a handy, flip-top container. They are saturated with a safe, effective cleaning solution combined with a tough, dual-textured towel to loosen, dissolve and absorb dirt and grease leaving your hands clean. One side is rough for scrubbing and the other side is smooth. These towels require no water and leave hands feeling conditioned and clean with no left-over residue.



Free Hand & Nail Brush included in each container!

Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
77095	75 10" x 12" Towels	20	320	57 lbs.

Keep hands, tools and hard surfaces clean from...

- Adhesives
- Flux
- Oils & Inks
- Tar
- Pipe Cements
- Asphalt
- Grease
- Paint
- Lubricants
- Urethanes & More
- Heavy Soil
- Grime
- Pipe Dope
- Caulk



Attractive floor display grabs consumer's attention.

Blue Monster® Compression Seal Tape

Stops problem leaks under pressure without turning off the water source!

Blue Monster® Compression Seal Tape features self-fusing layers that form a waterproof compression seal. Seal leaks while under pressure - up to 150 PSI on any type of rigid piping material, from galvanized and cast iron to copper and all types of plastics and rubber.

Blue Monster Compression Seal Tape contains no adhesive and is ideal for crisis and long-term applications. This tape seals by compression, so pulling the tape as tight as possible forms a chemical reaction that fuses the layers of tape into a mass of silicone.



Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
76084	1" x 12" Strip Pack (3 Strips)	20	40	3.5 lbs.
76085	1" x 12-foot Rolls	10	40	3.5 lbs.
76086	2" x 12-foot Rolls	6	24	4.0 lbs.

Specifications:

- Thickness:** 0.045"
- Tear Resistance:** ~ 12 lbf/in
- UV Resistance:** Highly UV resistant
- Elongation:** >325%
- Temperature range:** -90°C to +260°C / -130°F to 500°F
- Thermal Stability:** -900°C to +260°C / -130° to 500°F continous
- Adhesion(Fusion):** Standard requirement: "Tape shall not unwind more than 1.0 inch after 3 minutes with an attached load of 600g. Result: <1 inch
- Tensile strength:** ~ 1200 PSI throughout temperature range
- Acid/Alkaline/Chlorine:** No negative effect from brief exposure to acids, alkaline or chlorine and can withstand submersion up to 3 days.
- Standards Compliance:** ASTM D2240, D2240, A-A-59163, ASTM D-149, MIL-I-46852, ASTM D2148, ASTM D3767 Blue Monster Compression Seal Tape specifications meet other international standards not included in this list.
- Self-Extinguising:** UL standard 94 rating V-0. Tested to IEEE 383 and IEEE 1202 for flammability, self-extinguishes and will not propagate a flame.



All Purpose Lubricating Oil with Zoom Spout

The highest quality turbine lubricating oil! Ideal for use on industrial equipment, electric motors from 1/3HP to 5HP, shop tools, bearings, shafts and virtually all mechanical linkages. Available in a 4 ounce container with the patented Zoom Spout.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
70704	Lubricating Oil with Zoom Spout	12	4.0 lbs.

Fitting & Tube Brushes

Blue Monster Heavy-Duty, Professional PLUMBING/REFRIGERATION Brushes

Blue Monster heavy-duty plumbing and refrigeration brushes set the industry's standard for quality. Features include heavy-gauge galvanized stem wire and double stem, double-spiral construction for long-lasting performance. The 6300 Heavy-Duty Plumbing brush features oil-tempered straight high-carbon fill wire. The 6400 Heavy-Duty Refrigeration brush features rust proof, spring-tempered straight stainless steel fill wire.



Carbon Steel Plumbing	(I.D.)	Stainless Steel Refrig.	(O.D.)	Std. Pkg.	Wgt./Pkg.
63005	1/8"	64005	1/4"	1	13 lbs.
63015	1/4"	64020	3/8"	1	.13 lbs.
63025	3/8"	64030	1/2"	1	.13 lbs.
63035	1/2"	64040	5/8"	1	.18 lbs.
63050	5/8"	64050	3/4"	1	.18 lbs.
63060	3/4"	64060	7/8"	1	.18 lbs.
63075	7/8"	64070	1"	1	.18 lbs.
63085	1"	64080	1-1/8"	1	.18 lbs.
63095	1-1/4"	64090	1-1/4"	1	.25 lbs.
63105	1-1/2"	64100	1-3/8"	1	.25 lbs.
63115	2"	64115	1-1/2"	1	.25 lbs.
		64125	1-5/8"	1	.25 lbs.
		64135	2-1/8"	1	.25 lbs.
		64145	2-1/2"	1	.25 lbs.

#6700 Heavy-Duty, Professional Fitting Brush, PLUMBING/REFRIGERATION



The 6700 Heavy-Duty (Professional).

- Next best brush available to the 6300 and 6400 series.
- Heavy gauge galvanized stem wire.
- Double stem, single spiral construction.
- Rust proof, spring-tempered crimped stainless steel fill wire.
- Brushes clearly marked with actual (O.D.) and nominal (I.D.) sizes.
- Standard packages include UPC.

Cat #	(I.D.)	(O.D.)	Std. Pkg.	Wgt./Pkg.
67005	1/8"	1/4"	12	1.5 lbs.
67010	1/4"	3/8"	12	1.5 lbs.
67015	3/8"	1/2"	12	1.5 lbs.
67020	1/2"	5/8"	12	2.2 lbs.
67025	5/8"	3/4"	12	2.2 lbs.
67030	3/4"	7/8"	10	1.8 lbs.
67035	7/8"	1"	10	1.8 lbs.
67040	1"	1-1/8"	8	1.4 lbs.
67045	1-1/4"	1-3/8"	6	1.5 lbs.
67050	1-1/2"	1-5/8"	6	1.5 lbs.
67055	2"	2-1/8"	6	1.5 lbs.

Standard PLUMBING and REFRIGERATION Fitting Brush



Mill-Rose standard plumbing and refrigeration brushes are the first choice in price and quality. Features include heavy-gauge galvanized stem wire and single stem, single-spiral construction. Brushes are clearly marked with actual (O.D.) and nominal (I.D.) sizes.

The 6100 plumbing brush features crimped high-carbon fill wire.

The 9400 refrigeration brush features rust proof, crimped stainless steel fill wire.

Carbon Steel Plumbing	(I.D.)	Stainless Steel Refrig.	(O.D.)	Std. Pkg.	Wgt./Pkg.
61000	1/8"	94000	1/4"	12	1.2 lbs.
61070	1/4"	94010	3/8"	12	1.2 lbs.
61150	3/8"	94020	1/2"	12	1.2 lbs.
61210	1/2"	94030	5/8"	12	1.2 lbs.
61270	5/8"	94040	3/4"	12	1.2 lbs.
61330	3/4"	94050	7/8"	12	1.2 lbs.
61390	7/8"	94060	1"	12	1.2 lbs.
61450	1"	94070	1-1/8"	12	1.2 lbs.
61500	1-1/4"	94080	1-3/8"	8	1.0 lbs.
61560	1-1/2"	94085	1-1/2"	6	.8 lbs.
61620	2"	94090	1-5/8"	6	.8 lbs.
		94100	2-1/8"	6	.8 lbs.
		94105	2-1/2"	6	.8 lbs.
61211	1/2"			10 carded	1.3 lbs.
61321	3/4"			10 carded	1.3 lbs.
61451	1"			10 carded	1.3 lbs.

#6100 Hard-Head Fitting Brush, PLUMBING



The 6100 Hard-Head fitting brush.

- Same as 6100 series brush with a protective galvanized end plate.
- Prevents damage to valve seats and seals.
- Extends brush life.
- Prevents misuse in undersized fittings.

Cat #	(I.D.)	Std. Pkg.	Wgt./Pkg.
61102	3/8"	12	1.3 lbs.
61212	1/2"	12	1.3 lbs.
61332	3/4"	12	1.3 lbs.
61453	1"	10	1.1 lbs.
61502	1-1/4"	10	1.1 lbs.
61562	1-1/2"	6	1.0 lbs.
61622	2"	4	1.7 lbs.



MILL-ROSE

Fitting & Tube Brushes

All Stainless Steel "Quick Twist" & "Quick Twist Plus" Brush, PLUMBING/REFRIGERATION



Quick Twist Brush.

- Only all stainless steel brush on the market.
- Spark proof brush.
- Meets Mil and/or ASTM specs.
- Each brush individually labeled with UPC.
- Available up to 4" diameter.

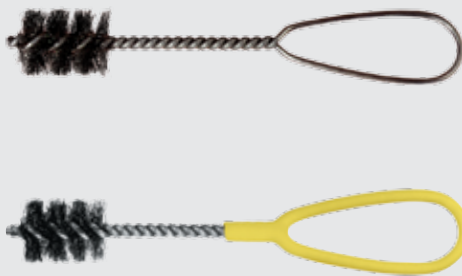
Quick Twist Plus®.

- Same as 6800 series brush with non-slip plastisol comfort grip.

Quick Twist	(I.D.)	Quick Twist Plus	(O.D.)	Std. Pkg.	Wgt./Pkg.
68005	1/8"	68001	1/4"	12	.35 lbs.
68015	1/4"	68011	3/8"	12	.40 lbs.
68025	3/8"	68021	1/2"	12	.55 lbs.
68035	1/2"	68031	5/8"	12	.70 lbs.
68045	5/8"	68041	3/4"	12	.80 lbs.
68055	3/4"	68051	7/8"	12	.85 lbs.
68065	7/8"	68061	1"	12	.90 lbs.
68075	1"	68071	1-1/8"	12	1.10 lbs.
68085	1-1/4"	68081	1-3/8"	8	.80 lbs.
68095	1-1/2"	68091	1-5/8"	6	.75 lbs.
68105	2"	68101	2-1/8"	6	1.15 lbs.
68120	2-1/2"	68121	2-5/8"	1	.25 lbs.
68130*	3"		3-1/8"	1	.30 lbs.
68140*	4"		4-3/16"	1	.30 lbs.

*T-handle construction for easy use.

Standard & Soft Twist Fitting, PLUMBING/REFRIGERATION



The 9600 standard fitting brush

- Best choice for economy and comfort.
- Single stem, single spiral construction.
- Rust proof crimped stainless steel fill wire.

Soft Twist fitting brushes.

- Same as 9600 series brush with brightly colored non-slip plastisol comfort grip.

Standard	(I.D.)	Soft Twist	(O.D.)	Std. Pkg.	Wgt./Pkg.
96000	1/8"	96001	1/4"	12	.35 lbs.
96010	1/4"	96011	3/8"	12	.40 lbs.
96020	3/8"	96021	1/2"	12	.60 lbs.
96030	1/2"	96031	5/8"	12	.75 lbs.
96040	5/8"	96041	3/4"	12	.80 lbs.
96050	3/4"	96051	7/8"	12	.80 lbs.
96060	7/8"	96061	1"	12	.80 lbs.
96070	1"	96071	1-1/8"	12	.85 lbs.
96080	1-1/4"	96081	1-3/8"	8	.60 lbs.
96090	1-1/2"	96091	1-5/8"	6	.60 lbs.
96100	2"	96101	2-1/8"	6	.70 lbs.
96105	2-1/8"	96106	2-1/4"	6	.70 lbs.
96110	2-3/8"	96111	2-1/2"	6	.75 lbs.

Blue Monster Power Deuce Brushing Tool Two Brushes in One!

Multi-function brush cleans fittings and tubing for stronger joints.

The Power-Deuce is a multi-function brushing tool that prepares the inside of copper fittings and outside of copper tubing without having to change tools. The Power-Deuce is a self-cleaning brush with rust-proof, stainless steel bristles for plumbing and HVAC projects. A heavy-duty ABS housing is impact resistant and protects bristles so they retain their shape and prolongs brush life.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
12-Pack Counter/Shelf Display			
62820	1/2 I.D. (5/8" O.D.)	12	2.0 lbs.
62830	3/4" I.D. (7/8" O.D.)	12	2.4 lbs.
62840	1" I.D. (1-1/8" O.D.)	12	3.0 lbs.
Power Pack with Quik Change Chuck Adapter			
62850	1/2 I.D. (5/8" O.D.) 3/4" I.D. (7/8" O.D.) 1" I.D. (1-1/8" O.D.)	6	1.2 lbs.
Individually Packaged on Blister Card			
62821	1/2 I.D. (5/8" O.D.)	12	2.0 lbs.
62831	3/4" I.D. (7/8" O.D.)	12	2.4 lbs.
62841	1" I.D. (1-1/8" O.D.)	12	3.0 lbs.



Fitting & Tube Brushes

#6600 Series Hex Shank Power Fitting Brushes



Mill-Rose 1/4" hex-shank power fitting brushes feature high carbon or stainless steel bristles that provide long brush life. These brushes are ideal for quick cleaning of fittings, tubing, drill holes, as well as deburring soft steel, stainless steel, brass, copper, aluminum, plastic and other materials. These brushes have been beefed up to provide greater strength and longer wear under the rigors of power drills and presses.

Contact Customer Service for additional sizes.
Call: 1-800-321-3598, Fax: (440) 255-1072 or e-mail: info@cleanfit.com.

Pop Display - 1/4" Hex Shank Power Fitting Brush Carbon Steel - 1/2" and 3/4" Carded



Cat #	(I.D.)	Desc.	Std. Pkg.	Wgt./Pkg.
66510	1/2"	Power & Fitting Brushes	10	.80 lbs.

**Note: Power brushes must be rotated in clockwise direction only.*

Carbon Steel Plumbing	Stainless Steel Refrig.	(I.D.)	(O.D.)	Std. Pkg.	Wgt./Pkg.
Bulk					
66410	66435	1/4"	3/8"	12	.40 lbs.
66420	66455	3/8"	1/2"	12	.40 lbs.
66430	66475	1/2"	5/8"	12	.50 lbs.
66440	66480	5/8"	3/4"	12	.50 lbs.
66450	66490	3/4"	7/8"	12	.60 lbs.
66460	66495	7/8"	1"	12	.60 lbs.
66470	66500	1"	1 1/8"	12	.64 lbs.
66472	66512	1 1/4"	1 3/8"	6	.30 lbs.
66473	66515	1 3/8"	1 1/2"	6	.30 lbs.
66474	66520	1 1/2"	1 5/8"	6	.40 lbs.
66482	66525	2"	2 1/8"	6	.80 lbs.
66483	66530	2 1/2"	2 5/8"	1	.13 lbs.
66484	66535	3"	3 1/4"	1	.15 lbs.
66487	66540	4"	4 1/4"	1	.18 lbs.
POP Display - 2 Per Bag					
66411	66436	1/4"	3/8"	5	.80 lbs.
66421	66456	3/8"	1/2"	5	.80 lbs.
66431	66476	1/2"	5/8"	5	.90 lbs.
66441	66481	5/8"	3/4"	5	.90 lbs.
66451	66491	3/4"	7/8"	5	.90 lbs.
66461	66496	7/8"	1"	5	1.00 lbs.
66471	66501	1"	1-1/8"	5	1.00 lbs.



Power Brush, Nutdriver and Screwdriver Kits

Two convenient kits contain everything needed to accessorize power drills to clean fittings and tubing fast! Each kit contains 1/4" hex shank power fitting and tube cleaning brushes in a range of sizes, plus magnetic power nut drivers and screwdriver bits. Mill-Rose power brushes are ideal for quick cleaning of fittings, tubing, drill holes, as well as deburring metal, plastic and other materials. These brushes are beefed up to withstand the rigors of power drills.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
72155	Plumbing Kit	6	9.0 lbs.
	1 - 62340	1 - 62350	1 - 62370
	1 - 62390	1 - 66420	1 - 66430
	2 - 66450	1 - 66470	1 - 72136
	1 - 72138	1 - 72100	1 - 72098
	1 - 72104	1 - 72106	
72156	Refrigeration Kit	6	9.0 lbs.
	1 - 66455	1 - 66475	1 - 66480
	1 - 66490	1 - 66495	1 - 62340
	1 - 62350	1 - 62370	1 - 62390
	1 - 72138	1 - 72136	1 - 72098
	1 - 72100	1 - 72104	1 - 72106



#6200 Series Hand & Power Tube Cleaning Brushes

6200 Series Tube Cleaning Brush is the first high impact (ABS) plastic tube cleaning brush ever made. High carbon plated steel cleans and scores the outside diameter of tubing with minimal effort and makes for a better soldered joint. Available in plastic bags or carded for point-of-purchase display.

Cat #	(I.D.)	(O.D.)	Std. Pkg.	Wgt./Pkg.
62005	1/8"	1/4"	12	.80 lbs.
62020	1/4"	3/8"	12	.80 lbs.
62035	3/8"	1/2"	12	.80 lbs.
62050	1/2"	5/8"	12	.80 lbs.
62065	5/8"	3/4"	12	.80 lbs.
62080	3/4"	7/8"	12	.80 lbs.
62095	7/8"	1"	12	.40 lbs.
62110	1"	1-1/8"	12	.45 lbs.



MILL-ROSE

Fitting & Tube Brushes

O.D. Tube Cleaning Brush



#6200 Tube Cleaning Brush - Carded

Cat #	(I.D.)	(O.D.)	Std. Pkg.	Wgt./Pkg.
62501	1/2"	5/8"	10	1.4 lbs.
62502	3/4"	7/8"	10	1.4 lbs.
62510	1"	1-1/8"	10	1.4 lbs.

Mill-Rose power tube cleaning brushes make fast work of projects requiring a number of solder or brazed fittings. Tube cleaning brushes are available with 1/4" hex shanks for use with a Quik-Change Chuck Adapter or standard drill chucks. Power tube cleaning brushes are not available in sizes larger than 1" I.D. (1-1/8" O.D.).

#6200 Tube Cleaning Brush - Bag

Cat #	(I.D.)	(O.D.)	Std. Pkg.	Wgt./Pkg.
62500	3/8"	1/2"	6	.50 lbs.
62505	1/2"	5/8"	6	.50 lbs.
62506	3/4"	7/8"	6	.50 lbs.
62503	1"	1-1/8"	6	.55 lbs.

#6200 Power Tube Cleaning Brush - Bag

Cat #	(I.D.)	(O.D.)	Std. Pkg.	Wgt./Pkg.
62330	1/4"	3/8"	5	1.2 lbs.
62340	3/8"	1/2"	5	1.3 lbs.
62350	1/2"	5/8"	5	1.3 lbs.
62360	5/8"	3/4"	5	1.3 lbs.
62370	3/4"	7/8"	5	1.3 lbs.
62380	7/8"	1"	5	1.3 lbs.
62390	1"	1-1/8"	5	1.3 lbs.

Four-in-One Brush



Four-in-One Brush (PLUMBING) - Bag

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70264	1/2" x 3/4" (ID) 4-in-1 Brush	12	3.50 lbs.
70269	1/2" x 3/4" (ID) Replacement Kit	6	.60 lbs.

Four-in-One Brush (PLUMBING) - Carded

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70260	1/2" x 3/4" (ID) 4-in-1 Brush	10	2.90 lbs.

The only contractor-grade tube cleaning and fitting brush on the market. It's made of high impact engineered plastic and designed for easy parts replacement. Ideal for every tool box. Available in high carbon steel for plumbing and stainless steel for refrigeration. Brushes are individually packaged in poly-bags or carded for point-of-purchase display. Replacement kits include I.D. and O.D. brushes and rubber backings. Screws not included.

Four-in-One Brush (REFRIGERATION) - Bag

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70258	3/8" x 1/2" OD 4-in-1 Brush	12	3.50 lbs.
70259	3/8" x 1/2" Replacement Kit	6	.60 lbs.
70284	3/8" x 3/4" OD 4-in-1 Brush	12	3.50 lbs.
70285	3/8" x 3/4" Replacement Kit	6	.60 lbs.
70265	3/4" x 1/2" OD 4-in-1 Brush	12	3.50 lbs.
70262	3/4" x 1/2" Replacement Kit	6	.60 lbs.
70268	5/8" x 7/8" OD 4-in-1 Brush	12	3.50 lbs.
70263	5/8" x 7/8" Replacement Kit	6	.60 lbs.

Blue Monster Six-in-One Brush



Six-in-One Brush (PLUMBING) - Bag

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70255	1/2" x 3/4" ID Brush/Deburrer	10	3.50 lbs.
70269	1/2" x 3/4" Replacement Kit	6	.60 lbs.
70271	Adapter Kit (Deburring plate)	6	.50 lbs.

Blue Monster Six-in-One Brush cleans the inside diameter of 1/2" and 3/4" fittings and outside diameter of 1/2" and 3/4" tubing. The deburring plate reams and deburs the I.D. of tubing, has a b-tank gas key (square opening on plate), and also serves as a bottle opener.

Six-in-One Brush (REFRIGERATION) - Bag

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70270	5/8" x 7/8" ID Brush/Deburrer	8	3.50 lbs.
70263	5/8" x 7/8" Replacement Kit	6	.60 lbs.
70271	Adapter Kit (Deburring plate)	6	.50 lbs.

Available in high carbon steel for plumbing and stainless steel for refrigeration.

The Six-in-One brushing/deburring tool is available in poly-bags with attractive, three-color display packaging for point-of-purchase display.

Abrasive Products

Nylon Abrasive Grit Hand Pads

Clean-Fit Hand Pads are offered with different grit sizes for a broad range of applications including heavy-duty cleaning, finishing and light polishing. These pads are very durable and waterproof, so they can be used wet or dry. They will not rust and are an excellent alternative to steel wool.

Maroon Hand Pad, Aluminum Oxide Fine - Commercial-quality hand pad for aggressive cleaning and deburring. Ideal for general cleaning where a fast initial cut is desired. Made from non-woven nylon webbing impregnated with a very fine grit abrasive. This pad is stronger, more resilient and resists tearing or snagging. Easily washed or rinsed, can be used wet or dry. These pads are "solvent resistant." Ideal for cleaning copper tubing before brazing. Catalog #70198.

Black Hand Pad, Silicon Carbide Fine - Extremely resilient and conformable to irregular surfaces. Ideal for general purpose applications, including removing rust and oxidation from metals, blending around solder joints, cleaning molds and satin-finish aluminum. Completely waterproof. Catalog #70186..



Maroon General-Purpose Pad, -Aluminum Oxide Very Fine

A heavy backing provides aggressive cutting action and long life. Coated surface is an economical alternative to our fine-quality pad. Ideal for satin finishing, stainless steel finishes, scuffing surfaces prior to applying adhesives, and removing rust, corrosion and oxides. Completely waterproof. Catalog #70199..

Cat #	Description	Color	Grit	Std. Pkg.	Wgt./Pkg.
70198	4" x 6" Nylon Abrasive Pads - 10/Display Carton	Maroon	Fine	6	.43 lbs.
70199	4" x 6" Nylon Abrasive Pads - 10/Display Carton	Maroon	Very Fine	6	.43 lbs.
70186	2" x 6" Nylon Abrasive Pads - 2/Card - Carded	Black	Fine	10	.10 lbs.

Blue Monster Contractor Grade Abrasives

2" Width – 33% wider than traditional plumbers' rolls and 100% waterproof.

Blue Monster premium open mesh and Ultra-Flex® abrasive cloth are revolutionary, high-performance abrasives that are tough! Blue Monster outlasts all others in the most demanding conditions, wet or dry. Blue Monster's wide design provides more surface-to-surface coverage making it easier and faster to prep large-diameter tube and fittings.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
Blue Monster Open Mesh			
70151	2" x 8" mini strips (10)	12	1.70 lbs.
70152	2" x 5 yard roll	12	7.00 lbs.
70154	2" x 10 yard roll	12	11.00 lbs.
70156	2" x 25 yard roll	12	22.00 lbs.
Blue Monster Ultra-Flex			
70171	2" x 8" mini strips (10)	12	1.85 lbs.
70172	2" x 5 yard roll	12	5.00 lbs.
70174	2" x 10 yard roll	12	9.00 lbs.
70176	2" x 25 yard roll	12	20.00 lbs.



- 21 x 21 Mesh – Has larger holes than other open mesh products. This feature prevents "loading" and allows contractors to rinse the mesh clean. Resists clogging even when used on softer materials.
- Premium blended 165 grit white Aluminum Oxide cuts and scores surfaces faster for more effective cleaning and deburring.



- Super flexible Ultra-Flex® backing conforms to tight work areas and Blue Monster will not crack or tear during use.
- Premium 150 grit cuts and scores surfaces faster for more effective cleaning and deburring.



MILL-ROSE

Abrasive Products

Aluminum Oxide Open Mesh - 180 Grit



Cat #	Description	Grit Size	Std. Pkg.	Wgt./Pkg.
70090	1-1/2" x 5 Yds.	180 AO / 24	24	8.0 lbs.
70100	1-1/2" x 10 Yds.	180 AO / 24	24	14.0 lbs.
70110	1-1/2" x 25 Yds.	180 AO / 24	20	30.0 lbs.

Mill-Rose original Aluminum Oxide mesh for copper tube cleaning. A fully waterproof product made with open nylon fabric, Phenolic resin adhesive, which makes it waterproof, and rugged aluminum oxide. Coated on both sides of the nylon fabric to produce a long-lasting sharp cutting product. If this material becomes coated (loaded) with copper, brass or other non-ferrous or plastic residue, simply rinse in water or tap against a hard surface to clean.

Silicon Carbide Open Nylon Mesh - 180 Grit



Cat #	Description	Grit Size	Std. Pkg.	Wgt./Pkg.
70092	1-1/2" x 5 Yards	180 SC / 18	24	8.0 lbs.
70102	1-1/2" x 10 Yards	180 SC / 18	24	14.0 lbs.
70113	1-1/2" x 25 Yards	180 SC / 18	20	30.0 lbs.

Designed to provide an alternative to Aluminum Oxide Open Nylon Mesh. We have opened the mesh to reduce loading and replaced Aluminum Oxide with Silicon Carbide. Silicon carbide mesh is sharper and tends to cut faster and produce finer scratch patterns on most surfaces. Black Open Mesh can be used on a wide variety of surfaces and materials. These include ferrous and nonferrous metals, ceramics, plastics, fiberglass, plywood and others. Applications include deburring, cleaning, scouring, blending, polishing, deflashing plaster, dulling laminates, removing oxides and rust, scuffing plastic pipe prior to adhesion, etc. 100% waterproof.

Aluminum Oxide "Wet One" - 120 Grit



Cat #	Description	Grit Size	Std. Pkg.	Wgt./Pkg.
70161	1-1/2" x 2 Yds. <u>Carded</u>	120-J	10	.6 lbs.
70162	1-1/2" x 5 Yds.	120-J	24	8.0 lbs.
70163	1-1/2" x 2 Yds. <u>Boxed</u>	120-J	20	2.6 lbs.
70164	1-1/2" x 10 Yds.	120-J	24	14.0 lbs.
70166	1-1/2" x 25 Yds.	120-J	20	30.0 lbs.

The "Wet One" is an Aluminum Oxide 100% waterproof sand cloth - ideal for tough deburring, cleaning and polishing plumbing tubing, fittings and parts exposed to water. Our bonding system provides exceptional grain retention and durability under the most severe conditions.

Aluminum Oxide "Red Stuff" - 120 Grit



Cat #	Description	Grit Size	Std. Pkg.	Wgt./Pkg.
70045	1-1/2" x 5 Yards	120-J	24	8.0 lbs.
70050	1-1/2" x 10 Yards	120-J	24	14.0 lbs.
70060	1-1/2" x 25 Yards	120-J	20	30.0 lbs.

Red Stuff is our best quality Closed Coat abrasive cloth with a "J" weight cotton backing. Features a full Aluminum Oxide coating for increased cutting power, water and weather-resistant bond for consistently strong solder joints. The original copper tubing cleaner.

Abrasive Products

Aluminum Oxide "Yellow Stuff" - 120 Grit



Cat #	Description	Grit Size	Std. Pkg.	Wgt./Pkg.
70068	1-1/2" x 5 Yards	120-J	24	8.0 lbs.
70070	1-1/2" x 10 Yards	120-J	24	14.0 lbs.
70080	1-1/2" x 25 Yards	120-J	20	30.0 lbs.

Yellow Stuff is our best quality Open Coat abrasive cloth with a "J" weight cotton backing. This premium water-resistant abrasive cloth is designed to clean soft metals. The open coat scores better than closed coat cloth as there is no glaze coating over the aluminum oxide. Widely used by the air conditioning/refrigeration trade.

Aluminum Oxide "Brown Stuff" - 120 Grit



Cat #	Description	Grit Size	Std. Pkg.	Wgt./Pkg.
70125	1-1/2" x 5 Yards	120-J	24	8.0 lbs.
70130	1-1/2" x 10 Yards	120-J	24	14.0 lbs.
70140	1-1/2" x 25 Yards	120-J	20	30.0 lbs.
70150	1-1/2" x 50 Yards	120-J	10	30.0 lbs.

Brown Stuff is a good quality Closed Coat abrasive cloth on a "J" weight cotton backing. Brown in color, water-resistant bonding and flexible backing provides a durable, efficient abrasive for long life. Almost as good as the "Red Stuff".

Aluminum Oxide - 120 Grit Economy



Cat #	Description	Grit Size	Std. Pkg.	Wgt./Pkg.
70175	1-1/2" x 5 Yards	120-J	24	8.0 lbs.
70170	1-1/2" x 10 Yards	120-J	24	14.0 lbs.
70180	1-1/2" x 25 Yards	120-J	20	30.0 lbs.

Good, economy-grade Closed Coat abrasive cloth, "J" weight cotton cloth. Our resin bonding of the grit still gives you a water resistant cloth when price may be your principal factor.



MILL-ROSE

Condenser Tube & Heat Exchanger Brushes



Mill-Rose offers a complete line of condenser tube and heat exchanger brushes. Available in four bristle materials: High Carbon Steel, Stainless Steel, Brass and Nylon. Bristle sizes are graduated from .008" on small diameter brushes, to .010" on larger sizes to provide consistent cleaning power.

The 1/4" diameter brushes are mounted on a 3/16" diameter coupling with a 8-32 external thread. The #75110 extension rod kit has 30" of 3/16" diameter self-connecting rods with an 8-32 internal thread.

All brushes from 3/8" diameter to 3" have a 11/32" diameter coupling with a 5/16-18 internal thread and 1/8" NPT outside. There is no O.D. thread on 3/8" brushes. Shank length is 2". Adapters are also available to accommodate other standard thread sizes.



Individually boxed with UPC and sizes clearly indicated.

1/4" Condenser Tube Brushes with 8/32 Threaded Female Coupling and Extension Rod Kit

H/C Steel	Catalog Number			Brush Diameter	Brush Length	Overall Length	Wire Size	Standard Pack	Weight/Package
	Stainless	Bronze	Nylon						
65500	65502	65504	65506	1/4"	2-1/4"	3-1/4"	.006	6	.06 lbs.
75110	Extension Rod Kit for 1/4" Condenser Brushes - 30" in length - includes handle and fitting to couple 3/16" rod							1	.32 lbs.

3/8" to 3" Condenser Tube Brushes - 1/8 NPT Outside - 5/16-18 Internal Thread

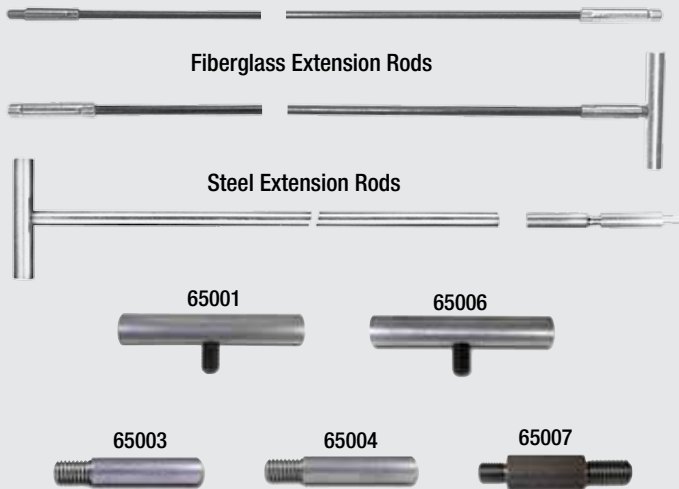
H/C Steel	Catalog Number			Brush Diameter	Overall Length	Wire Length	Standard Size	Weight/Pack	Package
	Stainless	Bronze	Nylon						
65020	65135	65250	65365	3/8"	4-1/2"	7-1/2"	.008	1	.14 lbs.
65025	65140	65255	65370	7/16"	4-1/2"	7-1/2"	.008	1	.14 lbs.
65030	65145	65260	65375	1/2"	4-1/2"	7-1/2"	.008	1	.14 lbs.
65035	65150	65265	65380	9/16"	4-1/2"	7-1/2"	.008	1	.15 lbs.
65040	65155	65270	65385	5/8"	4-1/2"	7-1/2"	.008	1	.15 lbs.
65045	65160	65275	65390	11/16"	4-1/2"	7-1/2"	.008	1	.16 lbs.
65050	65165	65280	65395	3/4"	4-1/2"	7-1/2"	.008	1	.16 lbs.
65055	65170	65285	65400	13/16"	4-1/2"	7-1/2"	.008	1	.17 lbs.
65060	65175	65290	65405	7/8"	4-1/2"	7-1/2"	.010	1	.17 lbs.
65065	65180	65295	65410	15/16"	4-1/2"	7-1/2"	.010	1	.18 lbs.
65070	65185	65300	65415	1"	4-1/2"	7-1/2"	.010	1	.20 lbs.
65075	65190	65305	65420	1-1/8"	4-1/2"	7-1/2"	.010	1	.20 lbs.
65080	65195	65310	65425	1-1/4"	4-1/2"	7-1/2"	.010	1	.22 lbs.
65085	65200	65315	65430	1-3/8"	4-1/2"	7-1/2"	.010	1	.23 lbs.
65090	65205	65320	65435	1-1/2"	4-1/2"	7-1/2"	.010	1	.24 lbs.
65095	65210	65325	65440	1-5/8"	4-1/2"	7-1/2"	.010	1	.25 lbs.
65100	65215	65330	65445	1-3/4"	4-1/2"	7-1/2"	.010	1	.28 lbs.
65105	65220	65335	65450	1-7/8"	4-1/2"	7-1/2"	.010	1	.28 lbs.
65110	65225	65340	65455	2"	4-1/2"	7-1/2"	.010	1	.30 lbs.
65115	65230	65345	65460	2-1/4"	4-1/2"	7-1/2"	.010	1	.32 lbs.
65120	65235	65350	65465	2-1/2"	4-1/2"	7-1/2"	.010	1	.34 lbs.
65125	65240	65355	65470	2-3/4"	4-1/2"	7-1/2"	.010	1	.36 lbs.
65130	65245	65360	65475	3"	4-1/2"	7-1/2"	.010	1	.40 lbs.

*No O.D. Thread on 3/8" brushes.

A-5227 adapter converts brush threads to 1/4" NPT

Condenser Tube & Heat Exchanger Brushes

3/8" to 3" Condenser Tube Brush Accessories



Cat #	Description	Std. Pkg.	Wgt./Pkg.
Extension Rods			
65000	3' Fiberglass extension rod 5/16-18 1/8 NPT with "T" handle	6	1.6 lbs.
65002	3' Steel extension rod, 5/16" dia.	6	6.0 lbs.
65010	2' Fiberglass ext. rod 5/16-18 1/8" NPT	6	1.0 lbs.
65015	3' Fiberglass ext. rod 5/16-18 1/8" NPT	6	1.25 lbs.
65018	3' Fiberglass ext. rod w/T-handle (6/Pk)	1	1.71 lbs.
65016	4' Fiberglass ext. rod 5/16-18 1/8" NPT	6	1.5 lbs.
65017	6' Fiberglass ext. rod 5/16-18 1/8" NPT	6	1.9 lbs.
Accessories			
65001	"T" handle for fiberglass extension rod	6	.4 lbs.
65006	"T" handle for steel extension rod	6	.4 lbs.
Tube Crossover Adapters			
65003	M/R brush adapter to comp. rod (5/16-18 male brush to 12-24 female rod)	6	.3 lbs.
65004	M/R rod adapter to comp. brush (12-24 male brush to 5/16-18 female rod)	6	.3 lbs.
65007	M/R brush adapter to power condenser cleaning machine	6	1.0 lbs.

*65003 and 65004 - adapt to Schaefer brush (12-24)

Fin Comb and Coil Whisk



Cat #	Description	Std. Pkg.	Wgt./Pkg.
73610	6-3/4" Fin & Coil Whisk	12	.8 lbs.
73620	Fin Comb Scraping Tool (Adjustable)	12	1.5 lbs.

Fin comb cleans air conditioner fins and restores bent fins to normal position. Small whisk type brush features stiff polypropylene bristles firmly imbedded in plastic handle. Ideal for cleaning in between small fins and coils. Display packaged with UPC clearly indicated.

Refrigeration Coil Cleaning and Lint Trap Brushes



Cat #	Description	Std. Pkg.	Wgt./Pkg.
01390	5/8" - 1-5/8" Tapered Diameter, Horsehair, 32" OAL, Wood Handle, Display Package	12	3.60 lbs.
01392	5/8" - 1-5/8" Tapered Diameter, Horsehair, 29" OAL, Plastic Handle, Coated Stem, Display Package	12	3.24 lbs.
01394	3/4" - 1-5/8" Double Stepped Diameter, Synthetic 26" OAL, Wood Handle, Display Package	12	4.80 lbs.
84377	3/4" - 1-3/4" Tapered Diameter, Synthetic 30" OAL, Plastic Handle, Display Package	12	3.30 lbs.



MILL-ROSE

Flue & Boiler Tube Brushes

8300 / 8400 Series Flue & Boiler Tube Brushes Black Oil Tempered Wire - 1/4" NPT



Single Spiral

Double Spiral

Quality flue and boiler tube brushes designed and engineered from durable black oil-tempered wire. Available in two standard constructions: single spiral #8300 Series and double-spiral #8400 Series. Brushes have an overall length of 8" and brush length of 4-1/2". Individually packaged with unit size and UPC.

** 1/8" NPT

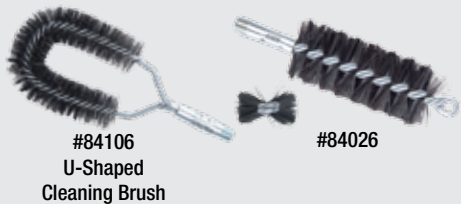
Single Spiral	Double Spiral	Brush Dia.	Flue Dia.	Brush Length	Overall Length	Std. Pack	Wgt./Pkg.
**83002	84002	1/2"	3/4"	4-1/2"	8"	1	1.2 lbs.
**83003	84003	5/8"	7/8"	4-1/2"	8"	1	1.3 lbs.
83005	84005	3/4"	1"	4-1/2"	8"	1	1.5 lbs.
83010	84010	1"	1-1/4"	4-1/2"	8"	1	1.5 lbs.
83015	84015	1-1/4"	1-1/2"	4-1/2"	8"	1	1.5 lbs.
83020	84020	1-1/2"	1-3/4"	4-1/2"	8"	1	1.5 lbs.
83025	84025	1-3/4"	2"	4-1/2"	8"	1	1.5 lbs.
83030	84030	2"	2-1/4"	4-1/2"	8"	1	2.0 lbs.
83035	84035	2-1/4"	2-1/2"	4-1/2"	8"	1	2.0 lbs.
83040	84040	2-1/2"	2-3/4"	4-1/2"	8"	1	2.0 lbs.
83045	84045	2-3/4"	3"	4-1/2"	8"	1	2.5 lbs.
83050	84050	3"	3-1/4"	4-1/2"	8"	1	2.5 lbs.
83055	84055	3-1/4"	3-1/2"	4-1/2"	8"	1	3.0 lbs.
83060	84060	3-1/2"	3-3/4"	4-1/2"	8"	1	3.0 lbs.
83065	84065	3-3/4"	4"	4-1/2"	8"	1	3.2 lbs.
83070	84070	4"	4-1/4"	4-1/2"	8"	1	3.2 lbs.
83085	84090	5"	5-1/4"	4-1/2"	8"	1	3.2 lbs.
83100	84105	6"	6-1/4"	4-1/2"	8"	1	3.4 lbs.

8400 Series Flue & Boiler Tube Brushes Fiber Fill - 1/4" NPT



Single Spiral	Brush Dia.	Flue Dia.	Brush Length	Overall Length	Std. Pack	Wgt./Pkg.
84810	1"	1-1/4"	4-1/2"	8"	1	1.5 lbs.
84815	1-1/4"	1-1/2"	4-1/2"	8"	1	1.5 lbs.
84820	1-1/2"	1-3/4"	4-1/2"	8"	1	1.5 lbs.
84830	2"	2-1/4"	4-1/2"	8"	1	1.5 lbs.
84835	2-1/4"	2-1/2"	4-1/2"	8"	1	1.5 lbs.
84840	2-1/2"	2-3/4"	4-1/2"	8"	1	1.5 lbs.
84845	2-3/4"	3"	4-1/2"	8"	1	1.7 lbs.
84850	3"	3-1/4"	4-1/2"	8"	1	2.0 lbs.
84860	3-1/2"	3-3/4"	4-1/2"	8"	1	2.0 lbs.
84870	4"	4-1/4"	4-1/2"	8"	1	2.0 lbs.
84880	5"	5-1/4"	4-1/2"	8"	1	2.4 lbs.
84890	6"	6-1/4"	4-1/2"	8"	1	2.6 lbs.
84900	7"	7-1/4"	4 1/2"	8"	1	3.0 lbs.
84910	8"	8-1/4"	4 1/2"	8"	1	3.6 lbs.
84920	9"	9-1/4"	4 1/2"	8"	1	4.1 lbs.
84930	10"	10-1/4"	4 1/2"	8"	1	4.4 lbs.

8400 Series Heavy-Duty Cleaning Brushes For Furnace Flues



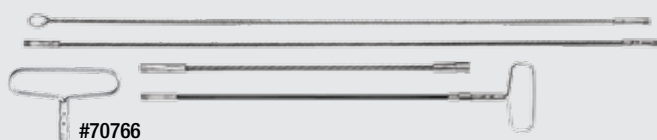
#84106
U-Shaped
Cleaning Brush

#84026

Multi-purpose brushes with 1/4" NPT Connectors.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
84106	1-1/2" x 4" x 5" Dbl. Stem U-Shape Wire Flue Brush	6	2.9 lbs.
84108	1-3/4" x 4" x 5-1/2" Dbl. Stem U-Shape Wire Flue Brush	6	3.8 lbs.
84110	2" x 4-1/2" x 5" Dbl. Stem U-Shape Wire Flue Brush	6	5.0 lbs.
84112	3-1/2" x 6" x 6-1/2" Dbl. Stem U-Shape Wire Flue Brush	6	6.0 lbs.
84032	2" x 4" x 4-1/2" Oval Shape Wire Flue Brush	6	5.0 lbs.
84034	2-1/2" x 4-1/2" x 4-1/2" Oval Shape Wire Flue Brush	6	6.0 lbs.
84052	3" x 5" x 4-1/2" Oval Shape Wire Flue Brush	6	6.0 lbs.
84054	3" x 4" x 4-1/2" Dbl. Stem, Dbl. Spiral Oval Shape Wire Flue Brush	6	6.0 lbs.
84008	3/8" x 1" Flat Fine Wire Baffle Brush 5/16-18 internal thread 1/8"NPT	6	0.9 lbs.
84026	1/2" x 2" Flat Fine Wire Baffle Brush	6	1.9 lbs.
84033	3/4" x 3" Flat Fine Wire Baffle Brush	6	2.3 lbs.
84066	7/8" x 4" Flat Fine Wire Baffle Brush	6	2.7 lbs.

8300/8400 Series Furnace Flue & Boiler Tube Brush Extension Rods



#70766

Flexible, self-connecting twisted-in-wire or fiberglass extension rods with self-connecting 1/4" NPT nipples are available in three convenient lengths (3', 4', 6').

Cat #	Description	Length	Std. Pkg.	Wgt./Pkg.
30002	Fiberglass	3'	6	2.50 lbs.
30021	Fiberglass	4'	6	2.16 lbs.
30023	Fiberglass (24/Pack)	4'	1	10.40 lbs.
30061	Fiberglass	6'	6	3.00 lbs.
30007	Twisted Steel Rod	3'	6	4.60 lbs.
30031	Twisted Steel Rod	4'	6	4.90 lbs.
30064	Twisted Steel Rod	6'	4	7.90 lbs.
30003	Twisted Steel Rod	3'	6	4.30 lbs.
70766	with loop-end handle T-handle (4" x 2-1/2")		6	2.30 lbs.

Flue & Boiler Tube Brushes



The Mill-Rose Company offers the most comprehensive line of boiler and flue brushes in the industry. These brushes are made in the U.S.A. with the highest quality materials and workmanship. Brushes presented here address cleaning all major boilers and other service needs.

For your convenience, these brushes are organized with

you in mind. First, determine the type of brush fill you need (fine wire, nylon, horsehair, etc.). Go to the appropriate listing and select the desired brush size (diameter and overall length). If you require a special brush not shown on the following pages, please contact Customer Service.

Fine-Wire Single Spiral Brushes for Small Boilers, Burners, Nozzles & Fans

Brushes in the following categories have 3" brush part lengths and loop handles for easy hanging. All brushes have labels on handles with individual UPC identification.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
01015	3/16" Dia., 7" OAL, Carbon Steel	12	.12 lbs.
01025	1/4" Dia., 7" OAL, Carbon Steel	12	.15 lbs.
01190	1/4" Dia., 16" OAL, Stainless Steel	12	.50 lbs.
01208	1/4" Dia., 24" OAL, Stainless Steel	12	.70 lbs.
01256	1/4" Dia., 36" OAL, Stainless Steel	12	1.00 lbs.
01045	3/8" Dia., 8" OAL, Carbon Steel	12	.25 lbs.
01192	3/8" Dia., 18" OAL, Stainless Steel	12	.80 lbs.
01210	3/8" Dia., 24" OAL, Stainless Steel	12	1.10 lbs.
01258	3/8" Dia., 36" OAL, Stainless Steel	12	1.60 lbs.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
01060	1/2" Dia., 8" OAL, Stainless Steel	12	.25 lbs.
01065	1/2" Dia., 8" OAL, Carbon Steel	12	.25 lbs.
01194	1/2" Dia., 18" OAL, Stainless Steel	12	1.00 lbs.
01212	1/2" Dia., 24" OAL, Stainless Steel	12	1.40 lbs.
01260	1/2" Dia., 36" OAL, Stainless Steel	12	2.10 lbs.
01286	1/2" Dia., 42" OAL Carbon Steel	6	2.40 lbs.
01080	5/8" Dia., 9" OAL, Carbon Steel	12	.50 lbs.
01157	5/8" Dia., 16" OAL, Carbon Steel	12	.90 lbs.
01214	5/8" Dia., 24" OAL, Stainless Steel	12	1.50 lbs.
01262	5/8" Dia., 36" OAL, Stainless Steel	12	2.20 lbs.

Dia. = Diameter OAL = Overall length



MILL-ROSE

Flue & Boiler Tube Brushes

Fine-Wire Single Spiral Brushes for Small Boilers, Burners, Nozzles & Fans (continued)

These brushes have 3" brush lengths and 1/2" or 3/4" loop handles for easy hanging. All brushes have labels on handles with individual UPC identification.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
01100	3/4" Dia., 9" OAL, Carbon Steel	12	.55 lbs.
01198	3/4" Dia., 18" OAL, Stainless Steel	12	1.10 lbs.
01216	3/4" Dia., 24" OAL, Stainless Steel	12	1.50 lbs.
01264	3/4" Dia., 36" OAL, Stainless Steel	12	2.20 lbs.
01399	3/4" Dia., 42" OAL, Carbon Steel	6	2.50 lbs.
01110	13/16" Dia., 10" OAL, Carbon Steel	12	.80 lbs.
01120	7/8" Dia., 10" OAL, Carbon Steel	12	.80 lbs.
01200	7/8" Dia., 18" OAL, Stainless Steel	12	1.20 lbs.
01218	7/8" Dia., 24" OAL, Stainless Steel	12	2.00 lbs.
01268	7/8" Dia., 36" OAL, Stainless Steel	12	2.80 lbs.
01140	1" Dia., 10" OAL, Carbon Steel	12	.80 lbs.
01202	1" Dia., 18" OAL, Stainless Steel	12	1.50 lbs.
01220	1" Dia., 24" OAL, Stainless Steel	12	2.00 lbs.
01270	1" Dia., 36" OAL, Stainless Steel	12	2.80 lbs.
01294	1" Dia., 42" OAL, Carbon Steel	6	2.50 lbs.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
01204	1-1/4" Dia., 18" OAL, Stainless Steel	12	1.50 lbs.
01222	1-1/4" Dia., 24" OAL, Stainless Steel	12	2.10 lbs.
01272	1-1/4" Dia., 36" OAL, Stainless Steel	12	2.90 lbs.
01224	1-1/2" Dia., 24" OAL, Stainless Steel	6	1.00 lbs.
01274	1-1/2" Dia., 36" OAL, Stainless Steel	6	1.50 lbs.
01398	1-1/2" Dia., 42" OAL, Carbon Steel	6	2.60 lbs.
01226	2" Dia., 24" OAL, Stainless Steel	6	1.00 lbs.
01276	2" Dia., 36" OAL, Stainless Steel	6	1.50 lbs.
01400	2" Dia., 42" OAL, Carbon Steel	6	2.70 lbs.
01324	2" Dia., 48" OAL, Stainless Steel	6	2.90 lbs.
01278	2-1/2" Dia., 36" OAL, Stainless Steel	6	1.50 lbs.
01405	2-1/2" Dia., 42" OAL, Carbon Steel	6	2.80 lbs.
01326	2-1/2" Dia., 48" OAL, Stainless Steel	6	3.00 lbs.
01280	3" Dia., 36" OAL, Stainless Steel	6	1.60 lbs.
01410	3" Dia., 42" OAL, Carbon Steel	6	3.00 lbs.
01328	3" Dia., 48" OAL, Stainless Steel	6	3.50 lbs.

Nylon Tube Brushes

For Boilers, Burners, Radiators, Flues, Vents and Nozzles



Cat #	Description	Std. Pkg.	Wgt./Pkg.
04882	1/4" Dia., 6-1/4" OAL, Nylon Tube Brush	6	.05 lbs.
04883	3/8" Dia., 6-1/4" OAL, Nylon Tube Brush	6	.05 lbs.
04884	1/2" Dia., 8-1/2" OAL, Nylon Tube Brush	6	.15 lbs.
01445	1/2" Dia., 30" OAL, Nylon Tube Brush	6	.80 lbs.
04867	3/4" Dia., 9" OAL, Nylon Tube Brush	6	.15 lbs.
04887	3/4" Dia., 30" OAL, Nylon Tube Brush	6	.60 lbs.
01450	3/4" Dia., 30" OAL, Nylon Tube Brush	6	1.20 lbs.
01470	3/4" Dia., 36" OAL, Nylon Tube Brush	6	1.30 lbs.
04888	1" Dia., 12-1/4" OAL, Nylon Tube Brush	6	.40 lbs.
01455	1" Dia., 30" OAL, Nylon Tube Brush	6	1.20 lbs.
01475	1" Dia., 36" OAL, Nylon Tube Brush	6	1.40 lbs.
04890	1-1/4" Dia., 13" OAL, Nylon Tube Brush	6	.40 lbs.
04891	1-1/2" Dia., 13" OAL, Nylon Tube Brush	6	.50 lbs.
01460	1-1/2" Dia., 30" OAL, Nylon Tube Brush	6	1.30 lbs.
01478	1-1/2" Dia., 36" OAL, Nylon Tube Brush	6	1.40 lbs.
04892	2" Dia., 16" OAL, Nylon Tube Brush	6	.75 lbs.
01520	2" Dia., 24" OAL, Nylon Tube Brush	6	1.50 lbs.
39963	2" Dia., 27" OAL, Nylon Tube Brush	6	1.70 lbs.
01481	2" Dia., 42" OAL, Nylon Tube Brush	6	2.30 lbs.
01500	2-1/4" Dia., 36" OAL, Nylon Tube Brush	6	2.20 lbs.
01538	2-1/2" Dia., 36" OAL, Nylon Tube Brush	6	2.20 lbs.
39964	3" Dia., 27" OAL, Nylon Tube Brush	6	1.80 lbs.
01491	3" Dia., 42" OAL, Nylon Tube Brush	6	2.50 lbs.

Horsehair/Fiber Tube Brushes for Boilers Burners, Radiators, Flues, Vents and Nozzles

Radiators, Flues, Vents and Nozzles



Cat #	Description	Std. Pkg.	Wgt./Pkg.
04850	1/4" Dia., 6-1/4" OAL, Horsehair	6	.05 lbs.
04856	3/8" Dia., 9" OAL, Horsehair	6	.15 lbs.
04860	1/2" Dia., 9" OAL, Horsehair	6	.15 lbs.
04964	1/2" Dia., 12" OAL, Horsehair	6	.10 lbs.
04962	1/2" Dia., 18" OAL, Horsehair	6	.30 lbs.
04970	1/2" Dia., 24" OAL, Horsehair	6	.50 lbs.
01836	1/2" Dia., 36" OAL, Horsehair	6	.70 lbs.
01837	1/2" Dia., 42" OAL, Horsehair	6	1.20 lbs.
04865	3/4" Dia., 9" OAL, Horsehair	6	.15 lbs.
04965	3/4" Dia., 12" OAL, Horsehair	6	.25 lbs.
04960	3/4" x 1-1/4" Tapered, 12" OAL, Horsehair	6	.30 lbs.
04961	3/4" x 1-1/4" Tapered, 17" OAL, Horsehair	6	.40 lbs.
17415	7/8" Dia., 27" OAL, Horsehair	6	1.00 lbs.
17419	7/8" Dia., 40" OAL, Horsehair	6	1.50 lbs.
04870	1" Dia., 12-1/2" OAL, Horsehair	6	.30 lbs.
04900	1" Dia., 16" OAL, Horsehair	6	.50 lbs.
04875	1-1/4" Dia., 13" OAL, Horsehair	6	.50 lbs.
04905	1-1/4" Dia., 16" OAL, Horsehair	6	.60 lbs.
39924	1-1/4" Dia., 30" OAL, Horsehair	6	1.50 lbs.
04878	1-1/2" Dia., 12" OAL, Horsehair	6	.50 lbs.
04910	1-1/2" Dia., 16" OAL, Horsehair	6	.60 lbs.
01388	1-1/2" Dia., 42" OAL, Tampico	6	2.50 lbs.
04880	2" Dia., 16" OAL, Horsehair	6	1.2 lbs.
39961	2" Dia., 27" OAL, Tampico	12	4.30 lbs.
01480	2" Dia., 42" OAL, Tampico	24	13.00 lbs.
39920	2-1/4" Dia., 30" OAL, Horsehair	6	2.50 lbs.
39960	2-1/2" Dia., 27" OAL, Tampico	12	4.50 lbs.
39962	3" Dia., 27" OAL, Tampico	12	2.40 lbs.
39921	3" Dia., 30" OAL, Horsehair	6	1.60 lbs.
01490	3" Dia., 42" OAL, Tampico	12	7.00 lbs.
01492	4" Dia., 42" OAL, Tampico	12	4.50 lbs.

Flue & Boiler Tube Brushes

Soot Saw



Ideal for heavy-duty soot and creosote removal from commercial and residential boilers. The perfect tool when brushes just don't do the job.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70707	Soot Saw	10	10.0 lbs.

Features plastic handle and heavy-gauge galvanized steel with serrated edge that cuts through soot and creosote fast. 32" overall length.

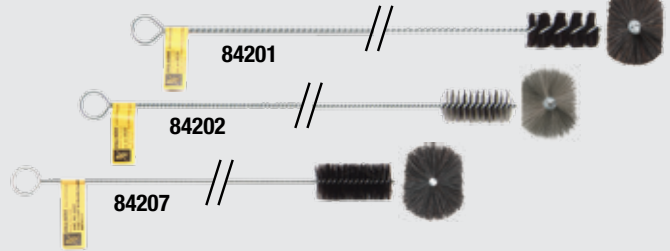
Polished Tampico Boiler & Flue Brushes

Select Grade of Polished Tampico (slightly stiffer and more durable).



Cat #	Description	Std. Pkg.	Wgt./Pkg.
39971	2" Diameter, 27" OAL	6	1.8 lbs.
39973	2" Diameter, 42" OAL	6	2.7 lbs.
39975	3" Diameter, 27" OAL	6	2.0 lbs.
39977	3" Diameter, 42" OAL	6	3.0 lbs.

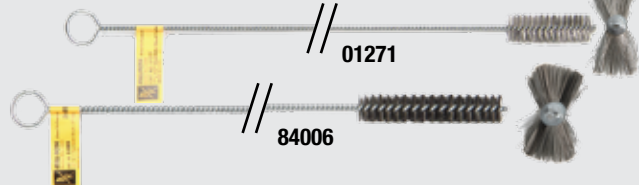
Specialty Boiler Brushes - WEIL MCLAIN



Cat #	Description	Std. Pkg.	Wgt./Pkg.
84200	1-1/2" x 1-1/8", 30" OAL	24	5.4 lbs.
84201	1-1/2" x 1-1/8" x 30" OAL, HD, Horsehair	6	1.8 lbs.
84202	1-1/2" x 1-1/8" x 36" OAL, HD Gold Series Original	12	5.0 lbs.
84203	1-1/2" x 1-1/8" x 42" OAL, HD - Gold Series	12	4.8 lbs.
84205	1-1/2" x 1-1/8" 30" OAL, HD Gold Series	24	8.0 lbs.
84207	1-1/2" x 1-1/8" x 24" OAL, Horsehair, LD - Very Flexible	6	.5 lbs.
84208	3" Dia., 42 OAL, Ultra Oil Series	12	5.2 lbs.
84210	1-1/2" x 1-1/8" 42" OAL,	12	3.6 lbs.
84211	1-1/2" x 1-1/8" 42" OAL, Horsehair	6	2.4 lbs.

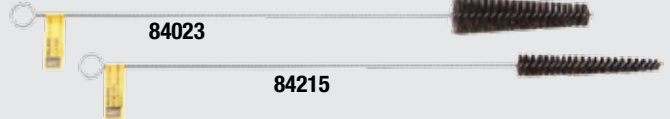
HD = Heavy Duty LD = Light Duty

Specialty Boiler Brushes - COLUMBIA



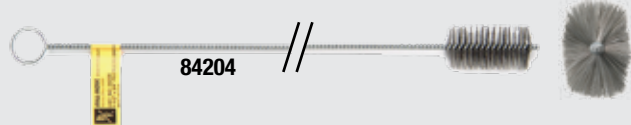
Cat #	Description	Std. Pkg.	Wgt./Pkg.
01271	1/2" x 1", 36" OAL, Flat - Light Duty	12	2.8 lbs.
84006	1/2" x 1", 27" OAL, Flat	24	8.0 lbs.
84007	1/2" x 1", 48" OAL, Flat	12	8.0 lbs.

Specialty Boiler Brushes - TAPERED



Cat #	Description	Std. Pkg.	Wgt./Pkg.
84219	3/8" - 7/8" Taper, 24" OAL, Tampico	6	2.5 lbs.
84023	1-7/8" - 1-1/8" Taper, 30" OAL, Tampico	6	1.2 lbs.
84027	1-7/8" - 1-1/8" Taper, 42" OAL, Horsehair	12	4.0 lbs.
84028	1-7/8" - 1-1/8" Taper, 30" OAL Horsehair	6	1.2 lbs.
84029	1/2" - 1" Taper, 42" OAL, Horsehair	6	1.2 lbs.
84212	1/2" - 1" Taper, 36" OAL, Horsehair	6	1.3 lbs.
84214	1/2" - 1" Taper, 30" OAL, Horsehair	6	1.2 lbs.
84215	1/2" - 1" Taper, 30" OAL, Tampico	6	1.2 lbs.
84216	1/2" - 1" Taper, 21" OAL, Horsehair	6	1.0 lbs.

Specialty Boiler Brushes - PEERLESS



Cat #	Description	Std. Pkg.	Wgt./Pkg.
84204	1-1/2" x 3/4" x 30" OAL	24	5.4 lbs.

Specialty Boiler Brushes - SLANT FIN



Cat #	Description	Std. Pkg.	Wgt./Pkg.
84009	2-1/4", 20" OAL, Tapered	12	2.2 lbs.
84011	2-1/4", 20" OAL, Tapered Heavy Duty	12	2.5 lbs.

Horsehair Brush for Radiators



Cat #	Description	Std. Pkg.	Wgt./Pkg.
39919	1-Row, 24" OAL, Wood Handle Brush	12	4.0 lbs.

Target Chimney Flue Cleaning Products

1/4" Target Consumer-Grade Chimney Flue Cleaning Products



Target chimney/flue cleaning brushes are available in oil-tempered wire for cleaning ceramic flues and chimneys, and polypropylene (synthetic nylon) for cleaning metal flues and chimneys. Choose from a complete range of standard sizes and shapes with 1/4" NPT connectors, and made with #10 galvanized material.

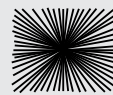
Extension Rods for Flue, Boiler, and Chimney Cleaning Brushes with 1/4" Couplings



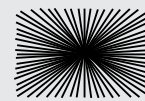
Cat #	Description	Std. Pkg.	Wgt./Pkg.
Consumer-Grade Rods with 1/4" NPT			
30002	3' Standard Fiberglass Rod	6	2.5 lbs.
30004	3' Standard Fiberglass Rod, Bulk-Pack, 24	1	10.0 lbs.
30021	4' Standard Fiberglass Rod	6	2.16 lbs.
30022	4' Standard Fiberglass Rod with T-handle Display Six-Pack	1	2.8 lbs.
30023	4' Standard Fiberglass Rod, Bulk-Pack, 24	1	10.4 lbs.
30061	6' Standard Fiberglass Rod	4	3.0 lbs.
30071	6' Standard Fiberglass Rod, Bulk-Pack, 24	1	18.0 lbs.
30003	3' Standard Twisted Wire/Loop Handle	6	4.3 lbs.
30007	3' Standard Twisted Wire Rod	6	4.6 lbs.
30009	3' Standard Twisted Wire Rod, Bulk-Pack, 24	1	17.2 lbs.
30031	4' Standard Twisted Wire Rod	6	4.9 lbs.
30033	4' Standard Twisted Wire Rod, Bulk-Pack, 24	1	19.6 lbs.
30064	6' Standard Twisted Wire Rod	4	7.9 lbs.
30073	6' Standard Twisted Wire Rod, Bulk-Pack, 24	1	47.4 lbs.



Standard Round Poly Brush



Standard Square Poly Brush



Standard Rectangular Poly Brush

Cat #	Description	Std. Pkg.	Wgt./Pkg.
Consumer Grade Wire Chimney / Flue Brushes with 1/4" NPT			
30450	4-3/4" Round	1	.5 lbs.
30500	5" Round	1	.6 lbs.
30600	6" Round	1	.75 lbs.
30700	7" Round	1	.8 lbs.
30800	8" Round	1	.9 lbs.
30900	9" Round	1	1 lbs.
31000	10" Round	1	1.2 lbs.
31100	11" Round	1	1.3 lbs.
31200	12" Round	1	1.4 lbs.
31428	14" Round	1	1.75 lbs.
30404	4"x4" Square	1	.75 lbs.
30606	6"x6" Square	1	.85 lbs.
30707	7"x7" Square	1	.95 lbs.
30808	8"x8" Square	1	1.2 lbs.
31010	10"x10" Square	1	1.0 lbs.
31111	11"x11" Square	1	1.8 lbs.
31212	12"x12" Square	1	2 lbs.
31416	14"x14" Square	1	2.5 lbs.
31006	10"x6" Rectangular	1	1.2 lbs.
31008	10"x8" Rectangular	1	1.5 lbs.
31107	11"x7" Rectangular	1	1.6 lbs.
31208	12"x8" Rectangular	1	1.8 lbs.
31612	16"x12" Rectangular	1	2.5 lbs.
Consumer Grade Poly Chimney / Flue Brushes with 1/4" NPT			
33105	4" Round Poly	1	.4 lbs.
33110	5" Round Poly	1	.5 lbs.
33140	6" Round Poly	1	.6 lbs.
33170	7" Round Poly	1	.7 lbs.
33190	8" Round Poly	1	.8 lbs.
33205	9" Round Poly	1	.9 lbs.
33208	10" Round Poly	1	1 lbs.
33210	12" Round Poly	1	1.2 lbs.
33150	6"x6" Square Poly	1	.75 lbs.
33180	7"x7" Square Poly	1	.8 lbs.
33200	8"x8" Square Poly	1	1 lbs.
33211	10"x10" Square Poly	1	1.4 lbs.
33212	12"x12" Square Poly	1	1.6 lbs.
33213	11x7" Rectangular Poly	1	1.2 lbs.
33222	12"x8" Rectangular Poly	1	1.4 lbs.
33226	16"x12" Rectangular Poly	1	2 lbs.

Note: Exercise caution when working near electrical outlets and wires as metal brushes and steel extension rods conduct electricity.

Clean-Fit Products



Target Chimney Flue Cleaning Products

1/4" Chimney Brush Accessories



Cat #	Description	Std. Pkg.	Wgt./Pkg.
70010	Eye Socket Nipple 1/4" NPT Bulk 1/4" NPT fitting, 3/4" eye - for rope weight or two person chimney flue cleaning.	12	.5 lbs.
70040	25' Poly Rope Bulk packed. Use with standard or heavy-duty chimney brushes and eye socket nipple or brush ring to clean chimneys.	12	1.2 lbs.
70722	Flex Connector 13" Flex connector for standard rods - 1/4" NPT 6	6	0.45 lbs.
70766	"T" Handle For Extension Rods Steel - use with 1/4" NPT extension rods. #70020 coupling included for female thread. Display package.	6	2.3 lbs.

Standard Accessory Kits - 1/4" NPT (without Brushes)

These space saving SKU's offer a complete cleaning kit with any selected brush. Contains: 6 each 4' FG Rods, 1 each Eye Socket Nipple, 1 each Bent Handle Scratch Brush, 1 each "T" handle, 1 each Flue Creosote Scraper and 1 each DIY Illustration Booklet. (Accessory Kit does not include a chimney brush).

Cat #	Description	Std. Pkg.	Wgt./Pkg.
39690	Fiberglass Accessory Kit	1	3.0 lbs.



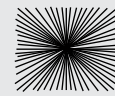
3/8" Target Contractor-Grade Chimney Flue Cleaning Products



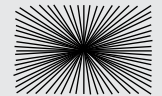
Target contractor-grade chimney/flue cleaning brushes are available in oil-tempered wire for cleaning ceramic flues and chimneys. These heavy-duty brushes are offered with 3/8" NPT connectors and are made with #8 galvanized stem material for reduced flex. Our brushes are oversized by 1/16" and have 2-1/2" brush parts. Contact customer service for oval-shaped chimney brushes or other sizes that are not listed.



Standard Round Wire Brush



Standard Square Wire Brush



Standard Rectangular Wire Brush

Cat #	Description	Std. Pkg.	Wgt./Pkg.
30501	5" H.D. Round Wire	1	2.0 lbs.
30601	6" H.D. Round Wire	1	2.1 lbs.
30701	7" H.D. Round Wire	1	2.1 lbs.
30801	8" H.D. Round Wire	1	2.2 lbs.
30901	9" H.D. Round Wire	1	3.2 lbs.
31001	10" H.D. Round Wire	1	3.4 lbs.
31101	11" H.D. Round Wire	1	3.5 lbs.
31201	12" H.D. Round Wire	1	3.6 lbs.
31401	14" H.D. Round Wire	1	3.6 lbs.
30607	6"x6" H.D. Sqr. Wire	1	2.1 lbs.
30708	7"x7" H.D. Sqr. Wire	1	2.4 lbs.
30809	8"x8" H.D. Sqr. Wire	1	2.8 lbs.
30910	9"x9" H.D. Sqr. Wire	1	3.4 lbs.
31011	10"x10" H.D. Sqr. Wire	1	3.6 lbs.
31112	11"x11" H.D. Sqr. Wire	1	3.8 lbs.
31213	12"x12" H.D. Sqr. Wire	1	3.9 lbs.
31415	14"x14" H.D. Sqr. Wire	1	4.0 lbs.
31007	10"x6" H.D. Rect. Wire	1	2.6 lbs.
31009	10"x8" H.D. Rect. Wire	1	2.7 lbs.
31108	11"x7" H.D. Rect. Wire	1	2.8 lbs.
31205	12"x8" H.D. Rect. Wire	1	2.9 lbs.
31613	16"x12" H.D. Rect Wire	1	4.0 lbs.

Extension Rods for Flue, Boiler, and Chimney Cleaning Brushes with 3/8" Couplings



Cat #	Description	Std. Pkg.	Wgt./Pkg.
Contractor-Grade Rods with 3/8" NPT			
30015	3' Heavy-Duty Fiberglass Rod	6	3.0 lbs.
30035	4' Heavy-Duty Fiberglass Rod	6	2.4 lbs.
30065	6' Heavy-Duty Fiberglass Rod	4	4.0 lbs.



Target Chimney Flue Cleaning Products

3/8" Chimney Brush Accessories

70016



70040



70030



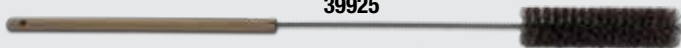
70766

Purchase 70030 and 70766 when coupling handle to 3/8" rod.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70016	Heavy Duty Eye Socket Nipple 3/8" NPT Bulk 3/8" NPT, 3/4" eye - heavy duty.	12	.9 lbs.
70030	Reducer Coupling 3/8" to 1/4" NPT 1/4" - 3/8" Reducer for conversion from 3/8" NPT extension rod/brush to standard 1/4" NPT or vice versa.	12	1.2 lbs.
70040	25' Poly Rope Bulk packed. Use with standard or heavy-duty chimney brushes and eye socket nipple or brush ring to clean chimneys.	12	1.2 lbs.
70766	"T" Handle For Extension Rods Steel - use with 1/4" NPT extension rods. #70020 coupling included for female thread. Display package.	6	2.3 lbs.

Chimney Brush Accessories

39925



39950



70035



70038



70606



70610



70650



73834



Cat #	Description	Std. Pkg.	Wgt./Pkg.
39925	Chimney Smoke Shelf Cleaning Brush 2-1/2"x25" long/handle - drilled hole for display. Can be bent for desired length. Horsehair/tampico fiber.	6	4 lbs.
39950	Professional Smoke Shelf Cleaning Brush 3-1/2"x28" long/handle-drilled hole for display. Heavier duty-horseshoe shape. Horsehair/tampico blend fiber.	6	8 lbs.
70035	Deluxe Utility Dusting/Cleaning Brush Horsehair/tampico filament - drilled handle/display. Wood Handle.	12	4 lbs.
70038	Utility Dusting Brush Economy with synthetic filament - drilled handle/display.	12	4 lbs.
70606	Bent Handle Scratch Brush Drilled handle for display - quality hardwood handle, carbon steel wire for corrosion, paint and dirt removal.	12	4.6 lbs.
70610	Bent Handle Scratch Brush/Scrapper Same as #70606/Metal End Scrapper.	12	5.3 lbs.
70650	Chimney Duster Wire Brush Wood handle, fine wire fill. For smoke shelf and fireplace corners.	12	5.0 lbs.
73834	Stainless Steel Stove Appliance Brush 8 1/4" plastic handle. For cleaning decorative areas of wood stoves and fireplace screens. (Also Available in brass/nylon).	36	5.0 lbs.

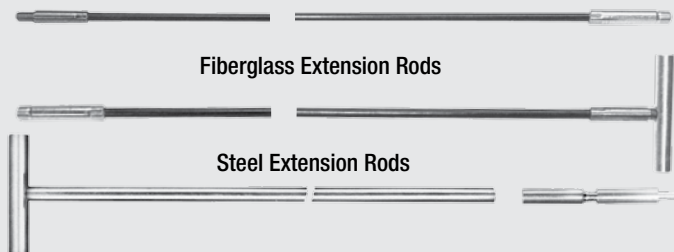
Target Chimney Flue Cleaning Products

Brushes & Accessories for Clothes Dryer Vents / Pellet Stove Flues



Cleaning brushes and accessories for clothes dryer vents and pellet stove flues improve heating efficiency, reduce fire hazard and save money! Soft synthetic fiber brushes are designed to remove lint build-up (#84373). For heavy lint build-up in commercial dryer vents, fiber brushes may be more aggressive (#84333). Fiber brushes work best for soot removal in pellet stove flues, while stainless steel wire works best for creosote removal.

Target cleaning brushes and flexible extension rods with 1/4"-20 couplings are designed to negotiate 90° joints in most vents and flues. In many cases, vents and flues can be cleaned without disassembly. Attractive point-of-sale packaging includes complete cleaning instructions.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
Pellet Brushes (1/4-20 male/female thread)			
84332	3" dia. Fiber Pellet Stove Brush Point-of-Purchase	6	1.1 lbs.
84333	4" dia. Fiber Pellet Stove Brush Point-of-Purchase	6	1.2 lbs.
84334	4" dia. Fiber Pellet Stove Brush with 12' Flexible Extension Rod	1	1.0 lbs.
84352	3" dia. St.St. Wire Pellet Stove Brush Point-of-Purchase	6	1.6 lbs.
84372	4" dia. St.St. Wire Pellet Stove Brush Point-of-Purchase	6	1.8 lbs.
84380	6" dia. Fiber Pellet Stove Brush	6	2.2 lbs.
84385	8" dia. Fiber Pellet Stove Brush	6	2.5 lbs.
Dryer Vent Brushes (1/4-20 male/female thread)			
84373	4" dia. Synthetic Fiber Dryer Vent Brush - Point-of-Purchase	6	1.0 lbs.
84374	4" dia. Synthetic Fiber Dryer Vent Brush with 8' Flexible Ext. Rod	1	.8 lbs.
84375	4" dia. Synthetic Fiber Dryer Vent Brush with 12' Flexible Ext. Rod	1	1.0 lbs.
Pellet & Dryer Vent Accessories (1/4-20 male/female thread)			
65011	4' Flexible extension Rod 1/4"-20 thread	6	.6 lbs.
65012	4' Flexible Ext. Rod 24-pack-1/4-20 thread	1	2.4 lbs.
65013	8' Flexible Ext. Rod-POP-1/4-20 thread	1	1.2 lbs.
65008	"T" Handle only - 1/4-20 thread	6	.4 lbs.
65009	Rod/Brush Adapter (5/16-18 to 1/4-20 thread)	6	.3 lbs.
70723	6" OAL for Dryer Vent Brush 1/4"-20 Flex Connector	6	.45 lbs.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
Pellet Stove / Vent Cleaning Brushes (5/16" - 18 internal thread)			
84331	2" dia. Fiber Pellet Stove / Vent Brush	6	1.0 lbs.
84351	3" dia. Fiber Pellet Stove / Vent Brush	6	1.1 lbs.
84371	4" dia. Fiber Pellet Stove / Vent Brush	6	1.2 lbs.
65000	3' Fiberglass Ext. Rod with "T" Handle	6	90 lbs.
65001	"T" Handle with 5/16" - 18 male/female thread	6	.40 lbs.
65009	Rod/Brush Adapter with 5/16"-18 to 1/4-20 thread	6	.30 lbs.
65010	2' Fiberglass Ext. Rod 5/16"-18 thread	6	1.00 lbs.
65015	3' Fiberglass Ext. Rod 5/16"-18 thread	6	1.25 lbs.
65016	4' Fiberglass Ext. Rod 5/16"-18 thread	6	1.90 lbs.
65017	6' Fiberglass Ext. Rod 5/16"-18 thread	6	1.90 lbs.
70721	5/16-18 Flex Connector	6	1.10 lbs.

Maintenance & Applicator Brushes

Platers Brushes



These brushes are made with selected hard woods and designed for fine cleaning in metal finishing solder joints, grills, wire mesh, etc. Platers brushes differ from hand scratch brushes in that they are made with finer wire resulting in a softer brush. Available with shoe handle or longer curved handle, trim length 1".

Cat #	Fill Material	Block Type	No. of Rows	Wgt./Pkg.
73800	Fine Brass Wire	Shoe Handle	3 x 16	5 lbs.
73802	Fine Brass Wire	Shoe Handle	4 x 16	6 lbs.
73804	Fine St. Steel	Shoe Handle	3 x 16	4 lbs.
73806	Fine St. Steel	Shoe Handle	4 x 16	5 lbs.
73808	White Tampico	Shoe Handle	4 x 16	5 lbs.
73810	Fine Brass Wire	Curved Handle	3 x 19	5 lbs.
73812	Fine Brass Wire	Curved Handle	4 x 19	6 lbs.
73814	Fine St. Steel	Curved Handle	3 x 19	4 lbs.
73816	Fine St. Steel	Curved Handle	4 x 19	5 lbs.
73820	White Tampico	Curved Handle	4 x 19	5 lbs.
73822	White Tampico	Curved Handle	6 x 19	5 lbs.

Standard package for above is 12.

Scratch Brushes

These brushes are high quality solid Appalachian hardwood handles and backs - tough, quality, oil tempered, carbon steel fill wire available with or without scrapers and have an extra-deep wire staple securing the wire for aggressive cleaning jobs.



Cat #	Block Type	Block Size	Rows	Trim Size	Wgt./Pkg.
70540	Straight Back	7-1/4" x 2-1/2"	6 x 19	1-3/4"	9.4 lbs.
70630	Curved Back	7" x 3"	9 x 21	1-3/16"	8.0 lbs.
70550	Curved Handle	14" x 1-1/8"	4 x 18	1-3/16"	4.6 lbs.
70560	Curved Handle/Scraper	14" x 1-1/8"	4 x 18	1-3/16"	5.3 lbs.
70606	Curved Handle	14" x 1"	3 x 19	1-3/16"	4.6 lbs.
70620	Curved Handle STST	14" x 1"	3 x 19	1-3/16"	5.3 lbs.
70610	Curved Handle/Scraper	14" x 1"	3 x 19	1-3/16"	5.3 lbs.
70570	Shoe Handle	10" x 1-1/8"	4 x 16	1-3/16"	5.3 lbs.
70640	Shoe Handle	10" x 9/16"	2 x 16	1-3/16"	4.6 lbs.
70650	Wood Hndl. Duster	2-3/4" x 1-1/8"	4 x 8	2-3/8"	5.0 lbs.

Standard package for above is 12.

Barbeque Grill Brushes

The design of these brushes places all crimped brass bristles flush on the grill for faster, easier clean up. Our brushes feature more bristles per tuft and more tufts per inch than inexpensive import brushes.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
71050	Deluxe BBQ Brush 20" OAL	12	6.9 lbs.
71054	Short Handle BBQ Brush	12	2.8 lbs.

Plastic Applicator Brush with Cap



This brush is made with a natural bristle, solvent resistant adhesive. Ideal for applying solvents, cleaners and adhesives. Fits pint, quart or 1/2-gallon containers.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70490	6" Plastic Applicator Brush - Pint	12	1.9 lbs.
70491	7" Plastic Applicator Brush - Quart	12	2.2 lbs.
70493	8" Plastic Applicator Brush - 1/2 Gal.	12	2.5 lbs.

Acid, Solder Paste and Flux, Adhesive Applicator Brushes

Tin handles are stamped firmly to the bristles to eliminate bristle fall-out. They are offered in three convenient sizes with pure, stiff black-graded natural horsehair. Our #70240 brush has a hardwood handle with seamless aluminum ferrule.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
70210	#1 Acid Br. - 1/4" (gross lot)	1	5.8 lbs.
70211	#1 Acid Br. - 1/4" (48 per box)	1	2.0 lbs.
70220	#2 Acid Br. - 3/8" (gross lot)	1	6.0 lbs.
70221	#2 Acid Br. - 3/8" (48 per box)	1	2.1 lbs.
70230	#3 Acid Br. - 1/2" (gross lot)	1	6.2 lbs.
70231	#3 Acid Br. - 1/2" (48 per box)	1	2.2 lbs.
70240	#7 Acid Br. (Wood Handle) - 3/4"	1	5.8 lbs.
71020	#2 Acid Br. 3/8" - 3 each Carded	10	1.3 lbs.
71021	#2 Acid Br. 3/8" - 6 each Disp Bag	10	2.4 lbs.
71022	#1 Acid Br. 1/4" - 10 each Disp Bag	10	2.3 lbs.

Cotton Swabs



These twisted-wire swabs are available in cotton for gasketed pipe lube, solder flux, adhesive, solvents, etc. Ideal for cleaning and many other applications.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
05060	Cotton Swab 1-1/2" x 11" Overall	12	1.5 lbs.
05065	Cotton Swab 2" x 11" Overall	12	1.7 lbs.
05070	Cotton Swab 2" x 15" Overall	12	2.0 lbs.

Maintenance & Applicator Brushes

Parts Cleaning Brushes



These wood-handle brushes have nickel-steel ferrules making them rugged and rust proof. The bristles are fitted using chemical and solvent resistant adhesives and come in stiff, medium and soft bristles. They are useful for cleaning parts, tools, machine components, etc., using solvents or degreasers.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70510	#10 Medium Black Crimped Polypropylene - Dome trim, wood handle, gets into the smallest cracks and crevices for quick, efficient parts washing. 1-1/16" Dia.; Trim Length is 3-1/4"; 11-1/2" OAL (PC 1030)	12	1.9 lbs.
70520	#10 Three-Color Gray Tampico Dome Trim, Wood Handle. Excellent for cleaning motors, fans and small parts. Tough tampico bristles withstand most solvents. 1-1/16" Diameter; Trim Length is 3"; 11-1/4" OAL (PC 1025)	12	1.9 lbs.
70500	#8 Soft Natural Bristle Fill Plastic Handle - Straight Trim, Round, Excellent for gentle dusting and for applying solutions to clean small parts and electronics. 15/16" Dia.; Trim Length is 2"; 10-1/8" OAL (PC 0820)	12	1.9 lbs.

Economy Paint Chip and Applicator Brushes



These wood handle brushes contain natural bristles fitted with a chemically-resistant adhesive. They are disposable and offer a variety of uses such as applying solvents, cements and pipe lube. They can also be used for clean-up or staining and painting.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70430	Econo. Applicator Brush - 1/2"	36	1.4 lbs.
70440	Econo. Applicator Brush - 1"	36	1.8 lbs.
70450	Econo. Applicator Brush - 1-1/2"	36	2.3 lbs.
70460	Econo. Applicator Brush - 2"	24	2.9 lbs.
70470	Econo. Applicator Brush - 2-1/2"	24	3.0 lbs.
70480	Econo. Applicator Brush - 3"	24	3.3 lbs.
70485	Econo. Applicator Brush - 4"	12	3.5 lbs.
70483*	Econo. Applicator Brush - 3"	12	3.5 lbs.
70486*	Econo. Applicator Brush - 4"	12	4.0 lbs.
70489	Sample Kit-Display (One Each of Above)	1	1.8 lbs.

*Double-Thick Bristles

Welders / Utility Brushes



These brushes, available in wood or plastic handles, are offered with different types of fine wire bristles, including stainless steel, brass, bronze, aluminum and nylon. They are perfect for cleaning in tight spots. Other uses include clean-up after soldering, brazing and welding.



Cat #	Wire Type	Rows	Trim/Inches	Block Type	Std. Pkg.	Wgt./Pkg.
73830	Stainless Steel	3 x 7	1/2	Wood	36	5 lbs.
73832	Brass	3 x 7	1/2	Curved wood	36	5 lbs.
73834	Stainless Steel	3 x 7	1/2	Plastic	36	5 lbs.
73836	Brass	3 x 7	1/2	Plastic	36	5 lbs.
73838	Nylon	3 x 7	1/2	Plastic	36	5 lbs.
71040	2 Brushes - Carded Plastic (1 Stainless Steel, 1 Brass)				10	1.4 lbs.
71041	3 Brushes - Bag (1 Stainless Steel, 1 Brass, 1 Nylon)			Plastic	5	1.8 lbs.

Appliance Type Brushes

These are small scouring brushes with smooth hardwood handles. Ideal for cleaning and scouring appliances, stoves, burner units, oil burners, for assemblies of small parts. Fine wire - stainless steel and brass.



Cat #	Wire Type	Rows	Trim/Inches	Block Type	Std. Pkg.	Wgt./Pkg.
73842	Stainless Steel	2 x 9	11/16"	Curved wood	36	7 lbs.
73844	Brass	2 x 9	11/16"	Curved wood	36	7 lbs.

Counter Dusters



These brushes are staple-set constructed in a shaped, hardwood, beaver-tail style handle with a lacquer coating and hole for hanging. They are designed specifically for light brushing or dusting.

Cat #	Description	Length	Width	Trim	Std. Pkg.	Wgt./Pkg.
70035	Horsehair/Tampico	13"	3"	2-1/2"	12	4 lbs.
70038	Polypropylene	13"	3"	2-1/2"	12	4 lbs.



MILL-ROSE

Maintenance & Applicator Brushes

Handy Wire Chip Brush

This tool, offered in carbon or stainless steel bristles, is designed for the removal of machine chips, cuttings and dust in those narrow, hard to reach places. Resistant to heat.



Cat #	Description	Width	Length	Std. Pkg.	Wgt./Pkg.
75200	Carbon Steel Wire	1-1/2"	5-1/2"	12	1.3 lbs.
75210	St. Steel Wire	1-1/2"	5-1/2"	12	1.3 lbs.



Deluxe Mill-Rose Hand & Nail Brush

These brushes are constructed of high-impact plastic and durable nylon bristles. They have an ergonomic grip and are great for removing embedded dirt and grime from hands and fingernails. The bristles are unaffected by hand cleansers and common household chemicals.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
73864	Deluxe Hand & Nail Brush (Box of 12)	1	3.4 lbs.

Toilet Bowl Brushes



Cat #	Fill Material	Length	Handle	Std. Pkg.	Wgt./Pkg.
05010	Tampico	19-1/2"	3/4" x 14"	12	6.5 lbs.
05015	Black polypropylene	19-1/2"	3/4" x 14"	12	6.5 lbs.
05020	Black nylon	19-1/2"	3/4" x 14"	12	6.5 lbs.

Clean-Fit Toilet Bowl Brushes all come with a lacquered hardwood handle and are built to withstand the daily concentrated abuse of commercial, industrial and institutional service. Not to be confused with the average light duty household toilet brush for limited duty. #05015 heavy-duty version made with 2-1/4" diameter. #05010 and #05020 made with 2" diameter.

Long Handle Utility Scrub Brush

Applications include scrubbing vehicles, rigs, cans, tubs, pots, pipe, refuse containers, fenders, wheels, tires, and boats. The Tampico and Nylon fill materials are designed specifically for trade applications for combustion chambers, pots, and ducts.



Cat #	Base Type	Fill Material	Trim Length	Length	Std. Pkg.	Wgt./Pkg.
75100	Plastic	Tampico	2-1/4"	20"	12	10 lbs.
75108	Plastic	Nylon	2-1/4"	20"	12	9 lbs.

Whisk Broom

This broom is constructed of fine grade broom corn with a emral hanging. It is tough and yet maintains a "light touch" for detail cleaning of trucks and vehicles as well as many other uses.



Cat #	Broom Length	Std. Pkg.	Wgt./Pkg.
70795	12"	12	4 lbs.

Maintenance & Applicator Brushes

Palmyra - Heavy Floor Sweep



Heavy floor sweeps are used for heavier dirt and debris. Superior construction makes these sweeps ideal for use on unfinished concrete or rough floors.

Cat #	Wood Block Size	Trim	Std. Pkg.	Wgt./Pkg.
75054	3" x 18"	4"	12	20.50 lbs.
75056	3" x 24"	4"	12	27.30 lbs.

Horsehair and Plastic Mix - Fine Floor Sweep



Fine floor sweeps are used for sweeping dust and dirt on smooth waxed or polished surfaces.

Cat #	Wood Block Size	Trim	Std. Pkg.	Wgt./Pkg.
75040	3" x 18"	3"	12	20.50 lbs.
75041	3" x 24"	3"	12	27.30 lbs.

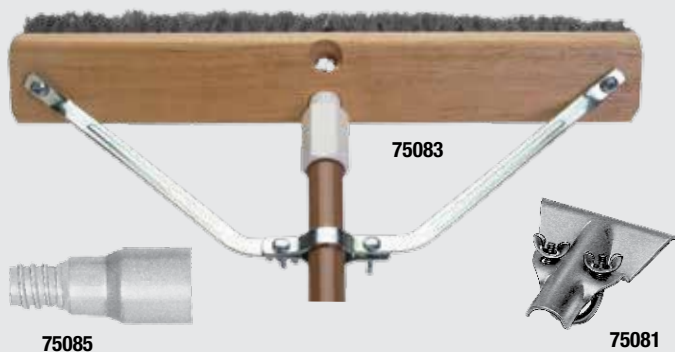
Lacquered Wood and Fiberglass Handles

Lacquered wood handle or fiberglass handle with hang hole.



Cat #	Overall Length	Handle	Diameter	Std. Pkg.	Wgt./Pkg.
75071	60"	Lacquered	15/16"	12	22.1 lbs.
75080	60"	Fiberglass	1"	12	16.5 lbs.

Broom Accessories



Cat #	Description	Std. Pkg.	Wgt./Pkg.
75081	Heavy-Duty Metal Brace - cad-plated	6	2.00 lbs.
75083	Standard Metal Brace on 24" for 24" or longer floor broom	6	2.25 lbs.
75085	Tuff-Tip Replacement for broom handles	6	.80 lbs.



MILL-ROSE

Screwdrivers/Hand Tools & Storage Boxes

Superior Quality Screwdrivers

These professional screwdrivers are produced to Mill-Rose specifications using high-carbon, fine-grained, open-hearth tool steel which insures long-lasting steel durability. Bits are salt-bath hardened and tempered to provide optimum hardness, maximum torque transfer and high wear resistance.

- Versatile
- Finest Grade Tool Steel!
- Precision Ground
- Professional Quality
- Deep-Tempered ... exclusive with Mill-Rose
- The ultimate in professional-quality forged hand tools

Personalized or "Private Labeled"

4-in-1 Screwdrivers / 6-in-1 Screwdrivers

Your name, company logo, message, phone number, website, or whatever, will be printed on each screwdriver. One line of type in one flute on the handle:

- 26 letters - 4-in-1 / 6-in-1 Screwdriver
- 17 letters - Mini 4-in-1 Screwdriver

FONT SIZE SAME AS THESE LETTERS
(26 total characters including spaces)

6-in-1 Ratcheting Screwdriver Slot/Phillips/Nut Drivers



This screwdriver features three-way ratcheting (forward, fixed and reverse) with a large, ergonomic cushion-grip handle. Six drivers include two nut drivers (1/4" and 5/16"), interchangeable magnetized flat bits (1/4" and 3/16") and phillips bits (#1 and #2). Not available for private labeling at this time.

Cat #	Description	Stock Size	Overall Length	Std. Pkg.	Wgt./Pkg.
72148	6-in-1 Ratchet Screwdriver (1 each) Flat/Phillips/Nut Driver	1/4"-5/16"	7-1/2"	12	7.5 lbs.
72143	6-in-1 Screwdriver repl. tube	4-1/2"	4-1/2"	10	1.0 lbs.
72144	Flat 3/16" and Phillips PB1	1/4"	3"	10	.5 lbs.
72145	Flat 1/4" and Phillips PB2	5/16"	3"	10	.5 lbs.

Standard package is 12 each of 6-in-1 Screwdrivers - POP Display

6-in-1 Screwdriver Slot/Phillips/Nut Drivers



This screwdriver is six drivers in one with an interchangeable slot and Phillips bits, plus two different size nut drivers. Contains flat 3/16" and 1/4" bits, #1 and #2 Phillips bits and 1/4" and 5/16" nut drivers.

Cat #	Description	Stock Size	Overall Length	Std. Pkg.	Wgt./Pkg.
72151	6-in-1 Screwdriver (1 each) Flat/Phillips/Nut Driver	1/4"-5/16"	7-1/2"	12	5.2 lbs.
70410	Flat 3/16" and 5/16" Bits each	5/16"	3"	10	.5 lbs.
70412	Phillips PB1 and PB2 Bits each	5/16"	3"	10	.5 lbs.
72086	Flat 1/8" and 3/16" Bits each	1/4"	2-1/2"	10	.3 lbs.
72089	Phillips PB1 and PB2 Bits each	1/4"	2-1/2"	10	.3 lbs.

Standard package is 12 each of 6-in-1 Screwdrivers - POP Display

4-in-1 Screwdriver Slot/Phillips



This screwdriver is four screwdrivers in one with an interchangeable slot and Phillips bits. Applications for this versatile screwdriver are limitless. Contains flat 3/16" and 1/4" bits with #1 and #2 Phillips bit.

Cat #	Description	Stock Size	Overall Length	Std. Pkg.	Wgt./Pkg.
70400	4-in-1 Screwdriver (1 each) Flat/Phillips Bits	5/16"	7-1/2"	12	5.2 lbs.
70410	Flat 3/16" and 5/16" Bit each	5/16"	3"	10	.5 lbs.
70412	Phillips PB1 and PB2 Bits each	5/16"	3"	10	.5 lbs.

Standard package is 12 each of 4-in-1 screwdrivers - POP Display

Screwdrivers/Hand Tools & Storage Boxes

4-in-1 Mini Screwdriver



Perfect for recreational vehicles, utility drawers, automobiles, boats, and as gifts. Contains flat 1/8" and 3/16" bit with #0 and #1 Phillips bits. See previous page for our Private Label Program. We can personalize with your company name or message. Contains flat 1/8" and 3/16" bits with #0 and #1 Phillips bits.

Cat #	Description	Stock Size	Overall Length	Std. Pkg.	Wgt./Pkg.
72083	4-in-1 Mini Screwdriver (1 each) Flat/Phillips Bits	1/4"	5"	12	3.0 lbs.
72086	Flat 1/8" & 3/16" Bit	1/4"	1-1/2"	10	.3 lbs.
72088	Phillips PBO & PB1 Bit	1/4"	1-1/2"	10	.3 lbs.

Standard package is 12 for 4-in-1 mini screwdrivers - POP Display

2-in-1 Stubby Screwdriver



A stubby version. Only one bit with a No. 1 Phillips on one end, and a 3/16" flat on the other. 3-3/8" overall length.

Cat #	Description	Stock Size	Overall Length	Std. Pkg.	Wgt./Pkg.
72090	2-in-1 Stubby Screwdriver 5/16"	5/16"	3-3/8"	6	1.2 lbs.
72092	Flat 3/16" & PB1 Bit	5/16"	3"	6	.3 lbs.
72093	Fishbowl Display (10 per display)			10	5 lbs.

2-in-1 Pocket Screwdriver



This handy 2-in-1 screwdriver features a clip for storing in shirt pockets and a smaller bit for small screws. Ideal for recreational vehicles, utility drawers, automobiles, boats and as promotional items.



Transparent "Fishbowl" Display is an ideal Point-of-Sale Merchandiser for Countertops.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70911	Fishbowl Display (50 per display)	1	3.0 lbs.

Magnetic Power Nut Drivers



The "Fishbowl" Display Point-of-Sale Merchandiser is great way to display small items on the Countertop.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
Magnetic Power Nut Drivers - Bagged			
72136	1/4" Power Nut Driver - 1 per bag	10	1.5 lbs.
72138	5/16" Power Nut Driver - 1 per bag	10	1.5 lbs.
Bulk - Fishbowl Display - 150 Drivers Per Display			
72140	1/4" Power Nut Driver	1	5.0 lbs.
72142	5/16" Power Nut Driver	1	5.0 lbs.

For fast work when driving 1/4" and 5/16" hex-head washer screws, including speed screws, sheet metal screws and no-hub couplings. Inserts into 1/4" and 3/8" drill chucks.



MILL-ROSE

Screwdrivers/Hand Tools & Storage Boxes

"Fit All" Power Bits 1-7/8" Overall Length 1/4" Hex Shank



Transparent "Fishbowl" Display is an ideal Point-of-Sale Merchandiser for Countertops.

A tougher, longer lasting power bit! Precision tip geometry transmits higher torque into the screw, resulting in a decrease in the screw or

Cat #	Description	Overall Length	Std. Pkg.	Wgt./Pkg.
"Fit-All" Power Bits - 1/4" Hex Shank 2 Per Display Package				
72098	#6-#8 Flat Tip	1-7/8"	10	1.0 lbs.
72100	#8-#10 Flat Tip	1-7/8"	10	1.0 lbs.
72102	#10-#12 Flat Tip	1-7/8"	10	1.0 lbs.
72104	No. 1 Phillips	1-7/8"	10	1.0 lbs.
72106	No. 2 Phillips	1-7/8"	10	1.0 lbs.
72110	No. 3 Phillips	1-7/8"	10	1.0 lbs.
Bulk - Fishbowl Display - 200 Bits				
72112	5 lbs. Bulk #6-#8 Flat	1-7/8"	1	5.0 lbs.
72114	5 lbs. Bulk #8-#10 Flat	1-7/8"	1	5.0 lbs.
72116	5 lbs. Bulk #10-#12 Flat	1-7/8"	1	5.0 lbs.
72118	5 lbs. Bulk PB1	1-7/8"	1	5.0 lbs.
72120	5 lbs. Bulk PB2	1-7/8"	1	5.0 lbs.
72122	5 lbs. Bulk PB3	1-7/8"	1	5.0 lbs.

screwdriver slippage... a reduction in the ejection forces...thus giving low wear, and longer tip life. Outlasts most power bits 5 to 1! Domestic high carbon, open hearth tool steel. Individually heat-treated. Industrial quality. Each bit 1-7/8" overall length.

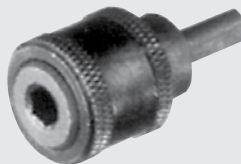
"Fit All" Power Bits 6" - 1/4" Hex Shank (2 Per Display Pk.)



Cat #	Description	Overall Length	Std. Pkg.	Wgt./Pkg.
72124	#6-#8 Flat Tip	6"	10	3.0 lbs.
72126	#8-#10 Flat Tip	6"	10	3.0 lbs.
72128	#10-#12 Flat Tip	6"	10	3.0 lbs.
72130	No. 1 Phillips	6"	10	3.0 lbs.
72132	No. 2 Phillips	6"	10	3.0 lbs.
72134	No. 3 Phillips	6"	10	3.0 lbs.

Quik-Change Chuck Adapter

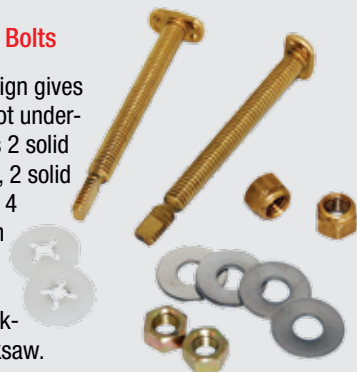
Change Power Bits and other 1/4" hex-shank tools fast with the Quik-Change chuck adapter. Inserts into 1/4" and 3/8" drill chucks.



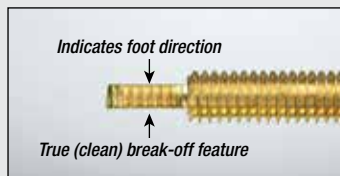
Cat #	Description	Std. Pkg.	Wgt./Pkg.
70420	Display Bag	5	1.00 lbs.
70421	Carded	10	1.40 lbs.

Blue Monster Advantage Closet Bolts

Our bolt's patented broach-tip design gives the installer the direction of the foot underneath the flange. Each kit includes 2 solid brass bolts, 2 solid brass hex nuts, 2 solid brass open-ended acorn hex nuts, 4 stainless steel washers and 2 nylon tinnerman nuts. Not only does our bolt provide foot direction but also provides a true hold-back and break-off eliminating the need for a hacksaw.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
73065	5/16" x 2-1/4"	100	16 lbs.
73070	5/16" x 3-1/2"	100	22 lbs.
73064	1/4" x 2-1/4"	100	10 lbs.
73069	1/4" x 3-1/2"	100	16 lbs.



Raised knobs on underside prevents movement after installation.



Screwdrivers/Hand Tools & Storage Boxes

Deburring Tool

The fast and easy way to smooth edges of pipe and tubing.

Remove rough or irregular I.D. edges on plastic, ferrous and non-ferrous metals with Mill-Rose deburring tools. Fixed-blade "pencil" deburring tool clips on shirt pockets and fits anywhere. Standard deburring tool features hand-contoured handle and snap-on cap for convenient storage of replacement blades. Blades on pencil style tool can not be replaced.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
70413	Pencil Deburring Tool - Carded	10	1.0 lbs.
70414	Pencil Deburring Tool - Bulk	24	1.5 lbs.
70415	Deburring Tool - Carded (3 Blades Included)	10	0.9 lbs.
70416	Deburring Tool-Bulk (3 Blades Included)	10	0.9 lbs.
70418	Deburring Tool - Carded (10 Blades Included)	10	2.7 lbs.
70417	Replacement Blades - 5/Bag	5	0.3 lbs.

Slip-Joint Pliers

These slip joint pliers are made of chrome vanadium steel and have textured plastisol handles. Features include seven locking positions, a 2-1/8" capacity and pipe wrench style milled teeth.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
73060	10" Slip-Joint Pliers	12	14 lbs.

Scissor-Action Cutter

Cut soft plastic tubing and hose quick and easy. Features cast aluminum construction and easy-change, reversible blade for long-lasting performance. Cuts tubing and hose from 1/8" to 1-1/4" (3-31mm) O.D.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
73003	Scissor-action Tube Cutter	5	3.0 lbs.
73010	Replacement Blades for #73003	10	1.0 lbs.

S-25 Ratchet-Action Tube Cutter

The contractor's choice when cutting Schedule 40 materials (PVC, CPVC, ABS, vinyl, poly pipe and tubing). Features Molybdenum vanadium stainless steel blades.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
73002	1" Ratchet-action Tube Cutter	5	7.0 lbs
73006	Replacement Blades for #73002	10	1.0 lbs.
73004	1-1/2" Ratchet-action Tube Cutter	5	7.5 lbs.
73008	Replacement Blades for #73004	10	1.0 lbs.

RINGCRUSHER® Decrimping Tool

RINGCRUSHER® takes the work out of removing copper crimp rings and PEX tube from 1/2", 3/4" and 1" fittings. Stop wasting time using a hacksaw or torch, and stop throwing away expensive PEX fittings.



Round anvil prevents damage to inside fittings.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
73015	RINGCRUSHER bagged	5	3.79 lbs.

RINGCRUSHER Decrimping Tool...

- Removes copper crimp rings and PEX tubing from fittings in seconds!
- Cushion-grip handle.
- Heavy-duty head with rounded anvil cuts fast.
- Prevents damage to inside fittings.
- No more hacksaw, torch or frustration.
- Will not damage PEX fittings when used properly
- Lets you recycle brass & poly alloy/plastic fittings.

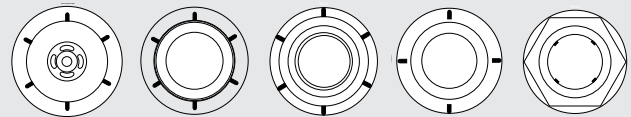
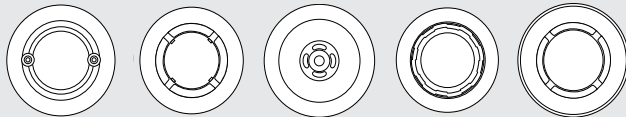




MILL-ROSE

Screwdrivers/Hand Tools & Storage Boxes

Razorback™ Wrench - versatile wrench fits popular basket strainers and shower drains!



Mill-Rose designed this indispensable wrench to accommodate popular basket strainers and shower drains. The Razorback Wrench addresses these common problems:

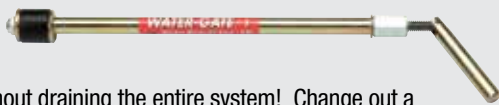
- Many fiberglass shower bases have wood or material “glassed in” to provide support. This material often extends past the drain, preventing access to the ring nut. No problem for the Razorback Wrench!
- Showers installed on wood floors usually have 3” to 4” of space between the wood floor and the shower drain preventing access to the ring nut. No problem for the Razorback Wrench!
- Many shower installations place drains too close to support studs preventing access to the ring nut. No problem for the Razorback Wrench!
- The Razorback Wrench can also be used on some types of basket strainers.



Attractive point-of-sale packaging promotes use of the Razorback drain wrench.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
73055	Razorback Wrench - boxed	6	6.0 lbs.

Water-Gate Water Shut Off Tools



Solder without draining the entire system! Change out a valve, solder or glue on fittings, make line repairs and test lines while under pressure with the Water-Gate. There's no need to shut off water to the rest of the building, drain lines, use bread clogs or freeze lines. Ideal for refrigeration and boiler applications, the Water-Gate's seals withstand temperatures from -20°F to 225°F. The Water-Gate water shut-off tool works on copper, steel or C/PVC lines and is pressure rated to 65 psi.



Works with full port ball & gate valves to seal off water

Attractive point-of-sale packaging and displays attract attention and promote use of the Water-Gate Tool. Impact-resistant case includes a complete range of tool sizes for virtually every application.

Water-Gate Kit #77080



Cat #	Description	Std. Pkg.	Wgt./Pkg.
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Water-Gate Tools

77000	1/2" Water-Gate Tool	1	0.9 lbs.
77005	3/4" Water-Gate Tool	1	0.9 lbs.
77010	1" Water-Gate Tool	1	1.0 lbs.
77015	1-1/4" Water-Gate Tool	1	1.1 lbs.
77020	1-1/2" Water-Gate Tool	1	1.2 lbs.
77025	2" Water-Gate Tool	1	1.8 lbs.
77030	2-1/2" Water-Gate Tool	1	2.5 lbs.
77035	3" Water-Gate Tool	1	3.0 lbs.
77040	4" Water-Gate Tool	1	3.5 lbs.

Water-Gate Kits

77070	1/2"-1" Water-Gate Kit	1	3.8 lbs.
77080	1/2"-2" Water-Gate Kit	1	7.9 lbs.

Water-Gate Replacement Seals

77001	1/2" Replacement Seal	1	0.03 lbs.
77006	3/4" Replacement Seal	1	0.07 lbs.
77011	1" Replacement Seal	1	0.13 lbs.
77016	1-1/4" Replacement Seal	1	0.21 lbs.
77021	1-1/2" Replacement Seal	1	0.32 lbs.
77026	2" Replacement Seal	1	0.56 lbs.
77031	2-1/2" Replacement Seal	1	0.65 lbs.
77036	3" Replacement Seal	1	0.75 lbs.
77041	4" Replacement Seal	1	0.96 lbs.

Screwdrivers/Hand Tools & Storage Boxes

6" Mini Hacksaw with Rubber Grip

This nickel plated Mini-Hacksaw has a 6" blade and a comfortable plastisol-dipped handle. Ideal for cutting metal in tight places, this Mini-Hacksaw cuts copper, brass, steel and other metals in places most hacksaws can't fit. A set of 10 replacement blades (carded) is also offered.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
70383	6" Mini-Hacksaw, Rubber Grip	6	3.0 lbs.
70384	Replacement Blades for #70383 (10 Blades)	6	0.5 lbs.



PVC Cable Saw

This PVC cable saw cuts plumbing or electrical PVC and is faster than a hacksaw! Ideal for tight spots and in-ground repairs - the perfect tool for everyday cutting jobs. Display packaged - available in two lengths.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
70390	Standard 26" Cable Saw	20	.06 lbs.
70391	Extended 44" Cable Saw	20	.07 lbs.
70392	POP Display - 24 Std. Cable Saws	1	2.0 lbs.
70393	POP Display - 24 Ext. Cable Saws	1	2.0 lbs.

Quick Cutter

This tool quickly cuts through plastic PVC and ABS pipe from the inside. It will cut wood for sink rims, closet flanges, shower drains, bath waste and overflow. It is great for hard to reach applications. The zinc plated dichromate dipped shank has a 1/4" hex shank for a secure grip. The strong steel blade is heat treated for longer wear.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
73025	Quik Cutter Tool	12	3.5 lbs.
73026	Replacement Blades 5/bag	6	0.5 lbs.

Lock 'N Load and Load 'N Go Heavy-Duty Drybox



Lock 'N Load Floor Displays



Lock 'N Load Drybox



Load 'N Go Tuff Box

Cat #	Description	Std. Pkg.	Wgt./Pkg.
Lock 'N Load Drybox			
75605	Carton	4	13.0 lbs.
75610	Floor Display (10 cases)	1	34.0 lbs.
Load 'N Go Tuff Box			
75630	Carton	4	17.0 lbs.

The Lock 'N Load Heavy-Duty Drybox locks out moisture as well as dirt and grime. Three compartments store and organize tools and accessories. An easy access top compartment is ideal for small tools and parts. Lock 'N Load dimensions are 15" x 8" x 10".

The Load 'N Go Heavy-Duty Tuff Box is a "Contractor Grade" carrying case for storing, transporting and protecting tools, parts and fittings. Four compartments store and organize tools and accessories. Two easy-access compartments on top are ideal for small parts and fittings, plus a removable tray. Large capacity base (20" x 9.75" x 9.75").



mill-ROSE

Hand Tools, Heat Shields & Flame Blankets

Quick-Release Pliers for All Types of Push-Lock Fittings

Remove all types of 3/8", 1/2" and 3/4" push-on fittings with copper, PEX and CPVC materials with Mill-Rose Quick-Release Pliers. The plier's spring action makes for a quick and secure grip on tubing, even in hard to work areas where space is limited. These pliers feature a comfortable cushion-grip handle and heavy-duty design for years of service. Mill-Rose Quick-Release Pliers will save you time, aggravation and money removing push-on fittings.

Cat #	Description	Std. Pkg.	Wgt./Pkg.
77050	Quick-Release Pliers	6	15.5 lbs



One tool for all your push-lock fittings!



Arctic Armor Thermal Shield Gel

Blue Monster Arctic Armor creates a thermal barrier that protects surfaces from heat damage during soldering, welding and brazing operations. Spray on hard-to-reach surfaces or apply to any surface to shield studs, walls, floors and other surfaces from flames, sparks and molten splash. Arctic Armor's unique, no-drip gelled formula evaporates within 48 hours, eliminating cleanup.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
71028	Arctic Armor Thermal Shield Gel	12	48.0 lbs.

- Protects valve seals and seats from heat damage during soldering
- Protects soldered joints from loosening when soldering new joints.
- Protects wood, metal, plastic, rubber, wire, insulation, drywall, painted surfaces and more.
- Unique gelled formula sticks to surfaces without dripping or running
- Safe, non-toxic, harmless to skin, and odorless

The Insurance Pad®



The Insurance Pad is the ultimate heat shield. Use wet or dry, where higher temperature protection and prolonged use is required. Great for use with acetylene air torches. The Insurance Pad delivers protection in excess of 2500°F, an incredible improvement over ceramic and fiberglass heat shields on the market. The Insurance Pad® is a fibrous-felt heat shield with the safest specs in the industry. Repeated use actually

Cat #	Description	Std. Pkg.	Wgt./Pkg.
71036	6" x 9" Display Pkg.	10	1.0 lbs
71038	9" x 12" Display Pkg.	10	1.8 lbs.

increases its heat resistance. Fibers in this heat shield take on graphite qualities when exposed to flame, increasing its heat resistance. Attractive point-of-sale packaging builds sales, plus the zip-lock bag provides added protection when not in use!

Custom sizes are available. Contact our Customer Service Department for information.



Blue Monster Torch Guard Heat Shield

Shield studs, walls, floors and surfaces from flames, sparks and molten splash during soldering and brazing operations

Professional contractors appreciate the flame resistance and liability protection provided by Blue Monster Torch-Guard. It's asbestos-free (OSHA's Material Safety Data Sheet on Torch-Guard is available) and features high-strength needle-punched carbon fiber that stands up to heat while other materials peel, flake and break down. Ideal for confined working areas, Blue Monster Torch-Guard is very flexible, easy to work with and provides heat resistance up to, but not exceeding 2500°F. This heat shield has two grommets for hanging, is flexible and will not peel, flake or break down.



Cat #	Description	Std. Pkg.	Wgt./Pkg.
71032	9" x 12" Torch Guard Shield	5	1.1 lbs.
71034	12" x 12" Torch Guard Shield	5	1.5 lbs.

- Protects against flames and sparks during soldering and brazing
- Ideal for higher-temperature torches
- Flame resistance to 2,500°F



Attractive display for shelves and counters grabs contractor's attention.

Clean-Fit Products



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Display Products

Build Sales with Customized Point-of-Purchase Merchandising Displays

In addition to a comprehensive assortment of bagged and carded products, Mill-Rose offers *customized point-of-purchase merchandising displays*. Build sales at the point-of-purchase with these attractive displays.

- Increase sales of most profitable items.
- Assists inventory control.
- Displays and products are interchangeable.

Designed for areas with limited space, these visual merchandisers offer maximum product visibility for planned and impulse buying, and provide faster product turnover. Mill-Rose merchandising displays are flexible and allow you to promote and display products best-suited for your customer base.

Sample displays are shown here. Contact customer service for a complete list of displays and planograms.

Water-Gate Plan-O-Gram #3
24" x 36" Display



Blue Monster®
24" Gondola Display



Blue Monster® 48" Gondola Display



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