

MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.



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Mission Statement

To produce and distribute to our customers in the most timely, efficient and courteous manner the finest quality brushes, brooms, mops, mopsticks, rollers, squeegees and related products.

Michigan Brush, since the early 1900's has always provided the finest quality products at the most competitive prices. Real value is what we provide to our customers. Our service is an essential element of that value. We take great pride in our service performance record. We don't rest on our laurels though, we are involved in a continuous program of improvement. Striving to be the best at what we do, constant self-examination and improvement makes us better every day.

We invite you, if you are not a customer, to try our products. If you are a customer, we invite you to tell us how we can serve you better. If you do not see the exact product you need listed in our catalog, please ask us. Our product line is so varied and dynamic that this catalog touches only upon our most frequently requested products. We are by no means limited to just these items. With this catalog we welcome you to become part of our family of satisfied customers.

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Brush Construction Methods

HAND SET BRUSHES—Unusual brushes for which the best method of manufacturing has been manual assembly. No machine method has been perfected. A skilled craftsman must put the proper amount of brush material together with a brush ferrule. Then epoxy or rubber secures the brush in place so that a handle can be attached, and the final assembly process can take place. Years of technique and experience are used by the brushmaker. Higher quality artist and sash style brushes are generally produced with this method.

PLUGGED AND KNOTTED—Made by hand similar to using hand set methods. Brushes for which no machine method has been perfected. 3 knot roofing, 4 knot roofing styles, glue brushes, and sash brushes.

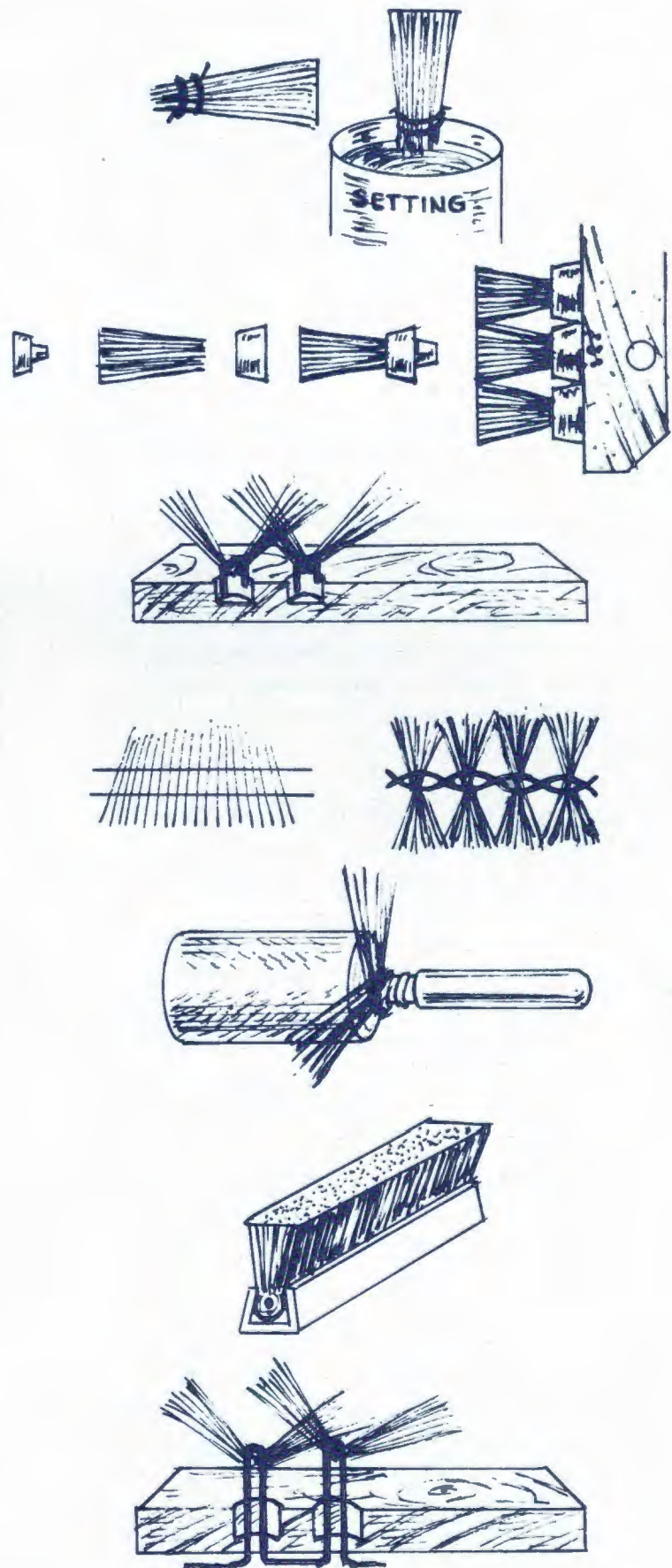
STAPLE SET BRUSHES—Utilizing the modern method of brushmaking. A double length of brush material is automatically tufted and secured in place by the use of a metallic staple. Many brushes are staple set such as floor sweeps, counter dusters, vehicle wash and scrub brushes.

TWISTED IN WIRE—Brush material is placed between one or two wires and firmly twisted to form a brush. The brushes are made on automatic machinery and are usually low cost and very durable brushes. They are bottle and tube cleaning styles.

WIRE WOUND—A groove is cut into the handle and the brush material is wound around the grooves by use of a continuous wire. The brushes are unusual shapes and designs. Used for cleaning brushes for the food industry. Also, for general maintenance in bottle, glass, and bowl cleaning brushes.

METAL GRIP—Brush material is laid flat across a strip of metal and wire is laid across the center. The metal crimps around the brush material and wire forming a strip brush. Strips can be used straight or formed into a variety of brushes such as: Push Brooms, Wound Brushes, Coiled Brushes, Conveyor Brushes, and even Counter Duster brushes.

HAND WIRE DRAWN—Each tuft is drawn into its proper position and formed into a tuft by the craftsman using a continuous length of wire. Still an effective method for superior tuft retention and for unusual design brushes.



BRISTLE—The hairs of the pig, hog or boar, generally taken from the neck, back and shoulder area of the animal. Bristle has a natural taper and flagged end (split end) which gives it qualities not found in other brush making fill materials. Bristle is superior for oil paint brushes and varnish brushes. Certain colors and types of bristle also make better quality artist brushes. Our knowledge and skill in choosing the proper bristles for the particular brushes come from generations of experience. All of our bristle is sterilized.

HORSEHAIR—The hair from the tail or mane of the horse. Horsehair comes in various colors. The most commonly used are black and grey (mixed). Horsehair does not have a flagged end. Yet, horsehair is a resilient, long lasting brush fill material and is sought after for brushes, used in sweeping, polishing, cleaning, painting, and as a specialty applicator. All of our horsehair is sterilized.

GOAT HAIR—Generally hair coming from the back of the animal. The goat hair we use is generally very soft and fine. Goat hair is generally white or grey (mixed) and can be dyed different colors. Goat hair brushes are used as applicator type brushes. All of our goat hair is sterilized.

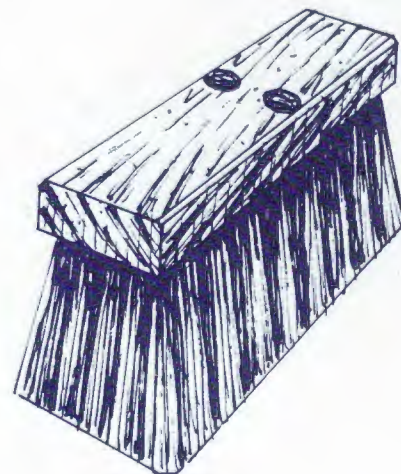
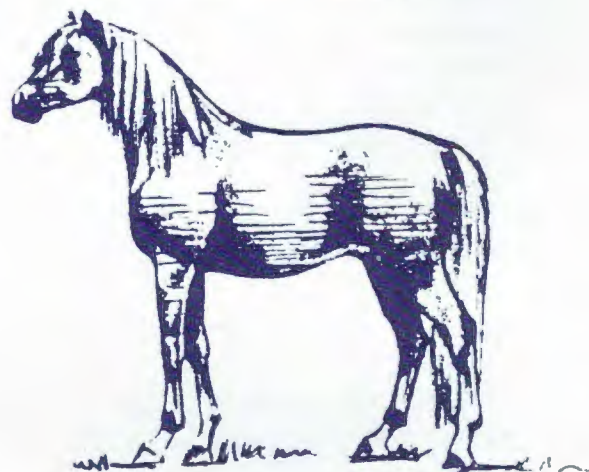
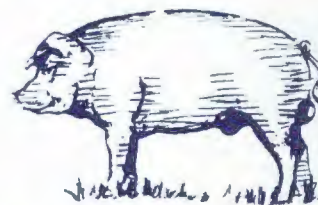
CAMEL HAIR— Sorry, this is not the hair of camels! Actually, camel refers to a group of soft hairs used for various artist style brushes. Quite often it is squirrel hair. As with all the other hairs we use, our camel hair is sterilized.

OTHER SOFT HAIRS used for brushes include: Badger hair for shaving brushes; Ox hair, from the ears of Oxen used for sign writer brushes and chiseled cutters; Fitch hair, from the Russian Fitch or the North American Skunk, used for lacquering and varnishing brushes; and Red Sable from the tail of the Kolinsky for artist brushes of the highest quality.

BRUSH BLOCKS

HARDWOOD—We use only kiln dried hardwood blocks from seasoned wood. Hardwood blocks securely hold the brush materials in place. The hardwood blocks we use also help prevent cracking and splitting so common to softer varieties.

PLASTIC BLOCKS—We use strong polystyrene, butyrate, polypropylene, and nylon blocks. These blocks can meet the strictest guidelines from the food industry to the medical profession. Used throughout industry as well, because they are bacteria proof, odor free, and liquid repellent. These blocks resist warping, slivering and splintering.



Natural Fibers

100% BIODEGRADABLE AND A RENEWABLE NATURAL RESOURCE

TAMPICO—Made from the plant that grows wild in the semi-desert land in parts of Mexico. Tampico is a vegetable fiber. Tampico has an off-white appearance and is generally bleached or dyed. Tampico's properties of holding liquids and of being alkalai resistant make this fiber sought after for brushes of varied uses. Polishing sweeping, scrubbing, and dusting are some of the uses for tampico fiber. It is highly resistant to chemicals and solvents with excellent anti-static characteristics.

PALMYRA—One of the many palm fibers from Africa and India. The fibers are coarse when dry, they are low in cost. The durability of palmyra is well known and brushes for heavy sweeping and scrubbing are made from this natural fiber. Highly resistant to heat and most solvents.

BASSINE—Also one of the palm fibers from Africa and India. Similar to palmyra. There is a difference, however, in the preparation and processing of the plant. Also low in cost, durable, and a versatile fiber for heavy sweeping and scrubbing. Highly resistant to heat and most solvents.

BASS FIBERS INCLUDE: Bahia Bass, Sherbro, Calabar and African Bass. The bass fibers are coarse fibers from the leafstalk of the palm. The different names relate to where the fibers were grown. Bahia Bass—the state of Bahia in Brazil (also known as Bahia piassava). Sherbro Bass—from western and eastern parts of Sierra Leone. Calabar—from Nigeria—is the stiffest and coarsest of all the African Basses. Bass fibers are used in manufacturing manual and mechanical street sweepers.

PALMYRA STALKS—From the midrib of the leaf of the palmyra palm creates a very stiff, coarse fiber. These fibers are used in manufacturing manual and mechanical street sweepers.

UNION FIBER—Usually a blend of tampico and palmyra. Other blends are utilized with tampico for specific applications. Primarily union blends are used for scrubbing, polishing, and sweeping brushes.

PALMETTO FIBER—We have discontinued using palmetto fiber due to production being discontinued by the only U.S. manufacturer.

Synthetic Filaments

NYLON—A general term which includes all the synthetic fiber forming polymeric amides. There are various grades of nylon such as 6.12 and 6.6. We utilize all grades based on the application. Nylon is long wearing, durable, resilient and resists most acids and bacteria in high heat. Nylon is used for all types of brushes including paint and varnish, scrub, floor sweep, power, counter, utility, and wash styles.

MO-GRIT—Nylon filament impregnated with silicon carbide grit. This is an aggressive fiber used mainly for extra heavy duty scrubbing. Used in sectional scrubbers, round floor scrubbers, power brushes, and numerous industrial applications.

POLYPROPYLENE—This man made filament is abrasion and acid resistant. It does not absorb moisture. Used extensively for window, counter, bowl and floor brushes.

OTHER SYNTHETIC FILAMENTS INCLUDE: Polystyrenes, polyester, and combinations of these materials used for specific brushing applications.

Wire Filaments

OIL TEMPERED HIGH CARBON STEEL WIRE—This brush filling material is used for tough, aggressive scrubbing action. It is, however, available in fine as well as coarse sizes. Tough and durable, oil tempered high carbon steel wire is used in hand scratch, floor sweep, scrubbers, and power brushes.

STAINLESS STEEL WIRE—Rustproof stainless steel has strength and durability. Prevents harmful ferrous deposits when parts are cleaned utilizing stainless steel wire. Available in crimped or straight wire. used in hand scratch, large and small power brushes and tube style brushes.

BRASS WIRE—Rustproof and spark resistant, the softer durable brass wire filaments can be used for gentle polishing, scrubbing and scouring. Used in hand scratch, tire, tube, power and finishing brushes.

Floorsweeps are Staple Set into
 Natural hardwood blocks



Michigan

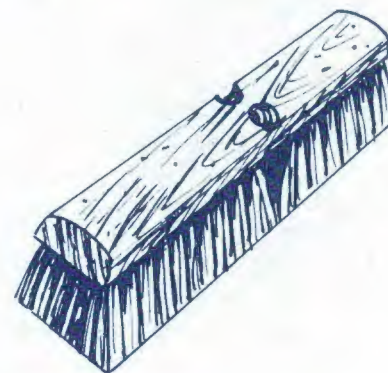
The finest 100% Natural Black or Grey Stiff Horsehair. Approximate 3" trim. The best tool for wood and smooth areas. A premium Floorsweep.

SIZE	CASE PACK	PRODUCT NUMBER
12"	12	10912
14"	12	10914
16"	12	10916
18"	12	10918
24"	12	10924
30"	6	10930
36"	6	10936

Extra

Horsehair fortified with Synthetic Bristles for longer wear and less cost. Heavy fill with approximate 3" trim. An excellent smooth sweep. A great value that gets great results.

SIZE	CASE PACK	PRODUCT NUMBER
12"	12	11012
14"	12	11014
16"	12	11016
18"	12	11018
24"	12	11024
30"	6	11030
36"	6	11036



Cadillac

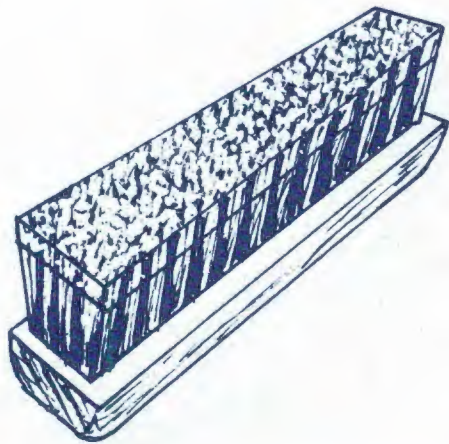
100% Natural Black Tampico Fiber. Generously filled. Approximate 3" trim. Low cost with excellent sweeping capabilities. The all purpose workhorse for smooth sweeping activities.

SIZE	CASE PACK	PRODUCT NUMBER
12"	12	12012
14"	12	12014
16"	12	12016
18"	12	12018
24"	12	12024
30"	6	12030
36"	6	12036

Black Knight

Long wearing Black Synthetic Fiber. Densely packed bristles. For medium to semi-rough sweeping. Dirt won't clog the brush. Easy to clean and use. Can be used wet or dry. Approximate 3" trim for great results.

SIZE	CASE PACK	PRODUCT NUMBER
14"	12	12114
16"	12	12116
18"	12	12118
24"	12	12124
30"	6	12130
36"	6	12136



Silver Knight

Double Flagged Synthetic Fiber. Heavily filled, chemical resistant. Approximate 3" trim. A low cost floorsweep designed for smooth surfaces like tile and highly polished floors.

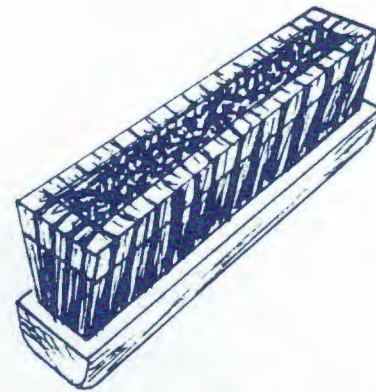
SIZE	CASE PACK	PRODUCT NUMBER
12"	12	12212
14"	12	12214
16"	12	12216
18"	12	12218
24"	12	12224
30"	6	12230
36"	6	12236

Available with plastic blocks. Designate the brush number and then add "PB" (e.g. 12216-PB = 16" Silver Knight with a plastic block).

Orange Knight

Double Flagged Synthetic Fiber. Heavily filled, chemical resistant. Approximate 3" trim. Also super car wash and truck wash brush.

SIZE	CASE PACK	PRODUCT NUMBER
14"	12	12314
16"	12	12316
18"	12	12318
24"	12	12324



Monroe

100% Natural Black Tampico Center encased by a Reinforced Horsehair Border for dual purpose sweeping characteristics. The stiffer Tampico center sweeps the larger, heavier dirt while the softer border picks up the finer dust. Heavily filled for long wear and efficiency. Approximate 3" trim.

SIZE	CASE PACK	PRODUCT NUMBER
14"	12	12414
16"	12	12416
18"	12	12418
24"	12	12424
30"	6	12430
36"	6	12436

Cenora III

One row of Springy High Carbon Steel Wire surrounded by one row of 100% natural Black Tampico Fiber, then both are surrounded by a Reinforced Horsehair outer row border. Three different fills make this an excellent brush for service stations and areas where dirt, paper and grease accumulate. Approximate 3" trim.

SIZE	CASE PACK	PRODUCT NUMBER
16"	12	12516
18"	12	12518
24"	12	12524
36"	6	12536

Challenger

Featuring a Special Coarse Mixed Fiber Center encased by a reinforced Horsehair Border. Stiff center bristles sweep away dirt and debris while smoother border bristles sweep finer dirt. Heavily filled. Approximate 3 1/4" trim.

SIZE	CASE PACK	PRODUCT NUMBER
16"	12	12616
18"	12	12618
24"	12	12624

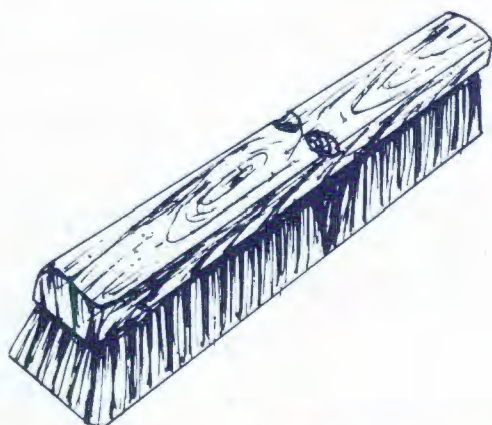
Note: An all-synthetic Challenger is available. Just add "SYN" to the product number when you order.



Pontiac

100% Natural Palmyra Fiber can be used wet or dry to remove caked dirt, grease, shavings and most heavy types of debris. Heavily filled, this industry workhorse has a 4" trim for the best results.

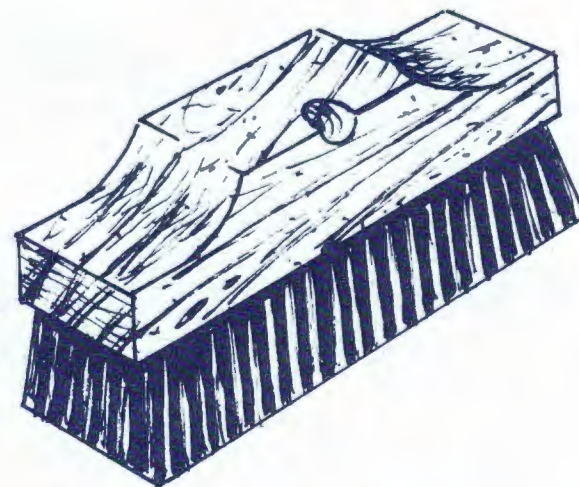
SIZE	CASE PACK	PRODUCT NUMBER
14"	12	13514
16"	12	13516
18"	12	13518
24"	12	13524
30"	6	13530
36"	6	13536



Red Knight

Maroon Synthetic Fiber. Solvent resistant and very durable. Can be used for moving heavier debris, grease, oil, sand and mud. Sturdy enough to outlast other brushes. Heavily filled with an approximate 3" trim for maximum sweeping results.

SIZE	CASE PACK	PRODUCT NUMBER
16"	12	13816
18"	12	13818
24"	12	13824
36"	6	13836



Steel Knight

Flat Steel Wire filled. Sturdy and heavy duty. Used in foundries and where extremely heavy duty knife-like sweeping action is required. .017" and .068" flat steel wire trimmed to 5" on a 2 3/8" wide hardwood block. One tapered handle hole only. 4 rows wide.

SIZE	CASE PACK	PRODUCT NUMBER
12"	12	14212
14"	12	14214
16"	12	14216

Metal Strip Sweeps



HD Heavy Duty Coarse Sweep

A super Synthetic Fiber for moving heavier debris, caked dirt, grease and gravel. Use for rough surface sweeping. This brush has the extra coarseness for tough, strong sweeping action. 3 1/2" trim for best results.

SIZE	CASE PACK	PRODUCT NUMBER
18"	12	15318
24"	12	15324
30"	6	15330
36"	6	15336

FS Fine Sweep

Grey Flagged Synthetic fill for sweeping light to medium dirt across smooth floors. Densely packed chemical resistant Synthetic bristles make a terrific sweeper. Can be used wet or dry. Approximate 3" trim.

SIZE	CASE PACK	PRODUCT NUMBER
18"	12	15018
24"	12	15024
30"	6	15030
36"	6	15036

GAP General All Purpose Sweep

Synthetic Fiber that is densely packed and chemical resistant. Use this brush for moving medium to heavy dirt over various floor surfaces. A general purpose sweeper. Can be used wet or dry. Approximate 3" trim.

SIZE	CASE PACK	PRODUCT NUMBER
18"	12	15118
24"	12	15124
30"	6	15130
36"	6	15136

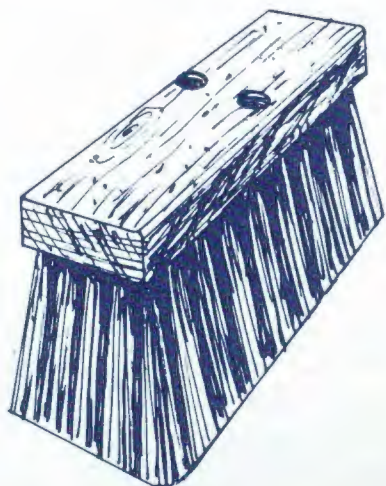
MFS Medium Fiber Sweep

100% Natural Black Tampico Fiber best for smooth to medium dirt sweeping. Black Tampico offers a natural Fiber with strength, durability, long life and excellent sweeping properties. An effective and moderately priced sweeper. Approximate 3" trim.

SIZE	CASE PACK	PRODUCT NUMBER
18"	12	15218
24"	12	15224
30"	6	15230
36"	6	15236

All Metal Strip Sweeps have:

- Formed metal construction
 - Rust resistant frame
- Durable, lightweight construction
- Special handle and connector



African Bass 6 1/4" Trim

100% Pure imported African Bass Fiber for rugged use including barns, garages and streets. Staple set into an extra thick hardwood block. Two tapered staff holes. Approximate 6 1/4" trim.

SIZE	CASE PACK	PRODUCT NUMBER
14"	12	17114
16"	12	17116

Brown Synthetic 6 1/4" Trim

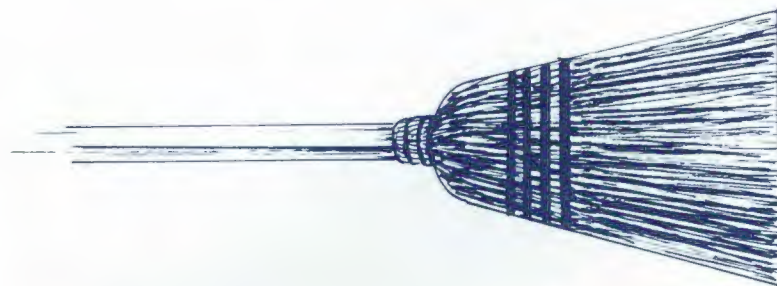
100% Brown Synthetic. A great substitute for African Bass. Outwears natural fibers. Oil and grease resistant. Terrific heavy duty sweeping. Approximate 6 1/4" trim. Wide flare construction. Use wet or dry. Two tapered staff holes.

SIZE	CASE PACK	PRODUCT NUMBER
14"	12	17314
16"	12	17316

Safety Orange 5" Trim

100% Safety Orange Synthetic. Solvent resistant. This brush material will not rot. Brush can be washed and cleaned and still maintain its resiliency. Wide flare construction for greater sweeping surface. Approximate 5" trim. Use wet or dry. Two tapered staff holes.

SIZE	CASE PACK	PRODUCT NUMBER
14"	12	17414
16"	12	17416



100% Corn Warehouse Broom

A top of the line corn broom. Wire banded and multi sewn for longer life. Lacquered 1 1/8" handle. A great general purpose utility sweeper.

CASE PACK	WEIGHT PER DOZEN	PRODUCT NUMBER
12	34 lbs	20006

All Corn Casing with Fiber Center

Multiple sewn. A mid-range broom. Lacquered or painted 1 1/8" handle. All purpose sweeping tool at a competitive level.

CASE PACK	WEIGHT PER DOZEN	PRODUCT NUMBER
12	32 lbs	20008

Heavy Duty 100% Corn Warehouse Broom

Heavier in weight than our others. Lacquered 1 1/8" handle. Multiple sewn. A heavy duty janitor's warehouse broom.

CASE PACK	WEIGHT PER DOZEN	PRODUCT NUMBER
12	36 lbs	20016

Light Duty 100% Corn Broom

Lighter in design. A household style broom. Good for lighter sweeping. Painted handle approximate 1" diameter.

CASE PACK	WEIGHT PER DOZEN	PRODUCT NUMBER
12	22 lbs	20018

Upright / Whisk / Lobby Brooms

MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.



Angled Synthetic Broom

Double Flagged for sweeping fine particles. Angled to get into corners. Great for store or around the home.

NEW
LARGER
SIZE

CASE PACK	WEIGHT PER DOZEN	PRODUCT NUMBER
12	25 lbs	20019
12	30 lbs	20020



Whisk Broom

Select grade Broom Corn Fiber with built-in handle. Metal caps with wire ring.

CASE PACK	WEIGHT PER DOZEN	PRODUCT NUMBER
12	5 lbs	20025



Lobby Broom

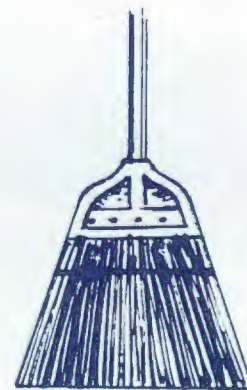
42" version of our Corn broom for theaters and lobbies.

CASE PACK	WEIGHT PER DOZEN	PRODUCT NUMBER
12	6 lbs	20028

Toy Broom

36" version of our Corn broom for where a shorter broom is needed.

CASE PACK	WEIGHT PER DOZEN	PRODUCT NUMBER
12	4 lbs	20030



Upright Fiber Broom

100% Tropical Fiber secured by rivets and banded into a two piece metal cap. 1 1/2" hardwood lacquered handle. Great for railroads, warehouses, machine shops and stadiums.

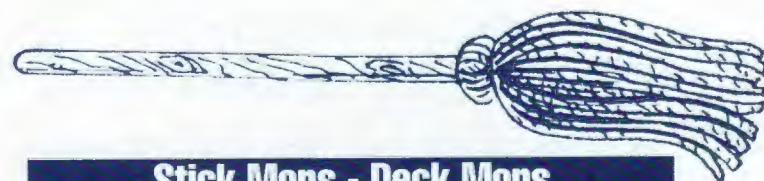
CASE PACK	PRODUCT NUMBER
12	20050



Lobby Broom Pick Up Dust Pan Brushes

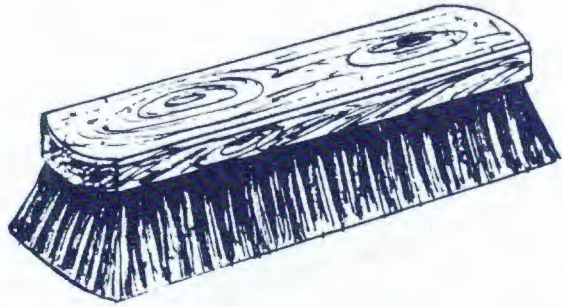
100% Flagged Synthetic. Staple set into a hardwood block. Two handle holes; one at an angle, one upright.

CASE PACK	PRODUCT NUMBER
12	20051



Stick Mops - Deck Mops

SIZE	PRODUCT NUMBER
#10	89212
#12	89213
#16	89214
#20	89215
#24	89216
#32	89217



100% Pure Hog Bristle

100% Pure Hog Bristle set into our finest lacquered mahogany wood block. Flat back for hand use. Superior water retention and soft scrubbing action.

SIZE	PRODUCT NUMBER
14"	21100

100% Pure Hog Bristle

Same as above, but with holes for handles.

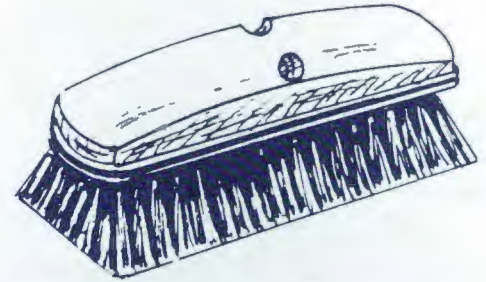
SIZE	PRODUCT NUMBER
14"	21101



Flagged Synthetic

Flagged Plastic with rubber-like bumpers to prevent marring and scratching. Thousands of tiny Flagged Bristles clear out dirt and make the job easier. Staple set into a specially designed plastic block.

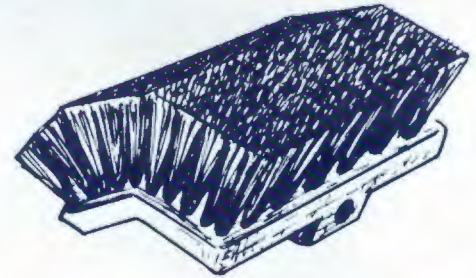
SIZE	PRODUCT NUMBER
10"	21136
10"	21137



Green Nylex with Rubber Bumpers

Protective rubber-like bumpers prevent marring and scratching. This material is top of the line. Dirt, grease and grime are removed by the solvent and oil-resistant Nylex scrubbing bristles. A long-lasting, resilient professional tool.

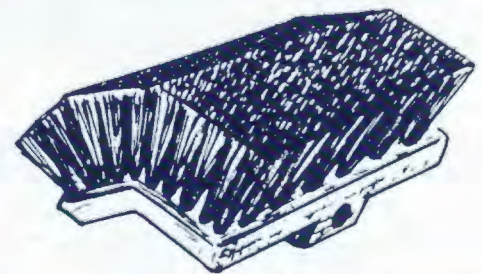
SIZE	PRODUCT NUMBER
10"	21138



Extra Heavy Duty Green Nylex

Double Surface Extra Heavy Fill Green Nylex Double Flagged. Specially designed and engineered to give maximum cleaning and scrubbing ability to the user. Extra dense pack fill and double flagging make this brush a professional tool with no equal.

SIZE	PRODUCT NUMBER
10"	21140



Double Surface Green Plastic

Double surface Extra Heavy Fill Green Plastic Double Flagged. Similar to the 21140 but made with a less expensive fill material. All the features of the 21140 but with a cost savings for the frugal professional.

SIZE	PRODUCT NUMBER
10"	21142

Handles



Wood Thread

Natural Hardwood with Standard Acme Threads. Sanded smooth and lacquered. Domed end with hang up hole. For use with most Floor Brushes and Push Brooms.

SIZE	CASE PACK	PRODUCT NUMBER
48" x 15/16"	12	25048
54" x 15/16"	12	25054
60" x 15/16"	12	25060
72" x 15/16"	12	25072



Metal Thread

Natural Hardwood with Heavy Duty Die Cast Metal Threads. Hardwood sanded smooth and covered with lacquer. Domed end with hang up hole.

SIZE	CASE PACK	PRODUCT NUMBER
48" x 15/16"	12	25248
60" x 15/16"	12	25260
72" x 15/16"	12	25272
60" x 1 1/8"	12	25262



Tapered

Natural Hardwood Sanded Smooth and Lacquered. Domed end with hang up hole. For use with acid brushes, deck scrubs, floor squeegees, masonry brushes, roof brushes, whitewash and window brushes.

SIZE	CASE PACK	PRODUCT NUMBER
54" x 15/16"	12	25454
60" x 15/16"	12	25460
60" x 1 1/8"	12	25660
96" x 1 1/8"	12	25696
120" x 1 1/8"	6	25620
144" x 1 1/8"	6	25644



Metal Strip Sweep Handle

Specially designed handle for metal strip sweeps. Connector included with handle.

SIZE	PRODUCT NUMBER
60" x 15/16"	25860



Fiberglass Handle

Rugged fiberglass handle for use with brooms and brushes or for a five foot extension pole. Available with steel or nylon style threads.

SIZE	PRODUCT NUMBER
60" x 1"	25960 (steel)
60" x 1"	25960-N

Steel Handle

Steel broom handle with hanger cap. Threaded end. Longer usage than traditional wood handles.

SIZE	PRODUCT NUMBER
60" x 1"	25261



Fiberglass Flo-Thru with Shut-Off Valve

Rugged Fiberglass Flo-Thru style with manual shut-off valve. For use with all wash brushes. Garden hose compatible.



SIZE	PRODUCT NUMBER
60" x 1"	26060

Also available in an extension style handle expanding from five to ten feet.

SIZE	PRODUCT NUMBER
60"-120" x 1"	26061



Fiberglass Extension

Rugged design with Nylar threaded ends. No metal. Strong, smooth locking mechanism using the Nylar collar and chuck. Professionally styled for the tradesman.

SIZE	CASE PACK	PRODUCT NUMBER
4-8	6	26048
6-12	6	26812
8-16	6	26816



Aluminum Extension

The 1" fluted outer aluminum tube has a 1⁷/₈" thick wall inner slider tube. Professionally designed for the tradesman. The finest quality available in these sizes.

SIZE	CASE PACK	PRODUCT NUMBER
2-4	6	26024
4-8	6	26048
8-12	6	28812

Other styles and sizes of handles are available - please ask.



Tapered To Threaded Adapter

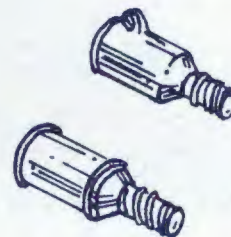
Tapered male end fits into tapered holes. Then threaded female accepts threaded 3/4 acme threads - standard broom handles great for tapered hole brooms and squeegees. Metal ferrule on hardwood.

CASE PACK	PRODUCT NUMBER
12	29002



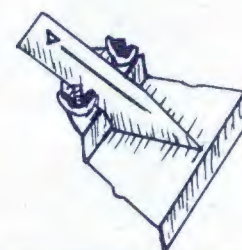
Nylon Threaded Tips for Handles

SIZE	PRODUCT NUMBER
12	29001



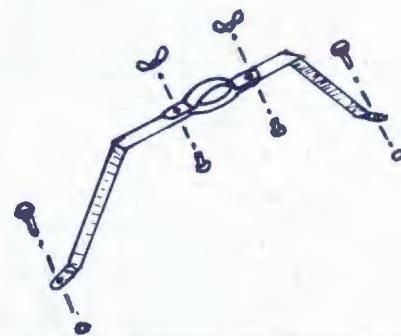
Steel Threaded Tips For Handles

CASE PACK	PRODUCT NUMBER
Pressfit 24	29003
Screwtight 24	29004



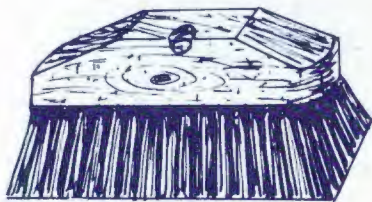
Clamp Type Brace

CASE PACK	PRODUCT NUMBER
12	29005



Wing Style Wide Arm Brace

CASE PACK	PRODUCT NUMBER
12	29010



Fortified Horsehair

For a lower cost version of the window washer. Also the traditional style wood block with one side straight and one angled tapered handle hole. Staple set for long lasting use.

SIZE	CASE PACK	PRODUCT NUMBER
8"	12	31106

100% Synthetic

Silver Tipped split ends. This window brush uses the traditional style block with one side straight and one angled tapered hole. Staple set for long lasting use.

SIZE	CASE PACK	PRODUCT NUMBER
8"	12	31108

100% Natural White Tampico

Excellent scrubber for windows and other jobs. Water absorbing Natural Tampico is the efficient Natural Fiber used by generations for cleaning. Staple set into a specially designed hardwood block for rugged use.

SIZE	CASE PACK	PRODUCT NUMBER
8"	12	31138
9"	12	31139



Round Window-100% Horsehair

Staple set into a round hardwood block with tapered and threaded handle holes. A brush for difficult cleaning jobs.

SIZE	CASE PACK	PRODUCT NUMBER
4 1/2"	12	41126

Round Window-Reinforced Horsehair

100% Fortified Horsehair for a tougher scrubbing job. Staple set into a round hardwood block with tapered and threaded handle holes.

SIZE	CASE PACK	PRODUCT NUMBER
4 1/2"	12	41127

Round Window-White Tampico

100% Natural Tampico staple set into a round hardwood block for heavier scrubbing and window washing. Tapered and threaded handle holes.

SIZE	CASE PACK	PRODUCT NUMBER
4 1/2"	12	41128

Round Window-Flagged Synthetic

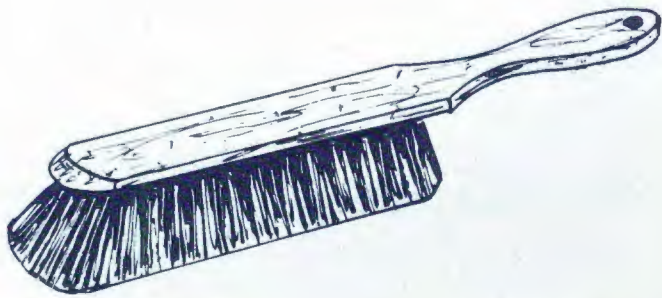
100% Flagged Synthetic staple set into a round hardwood block. Flagged ends hold water and synthetic bristles create a great window washer. Tapered and threaded handle holes.

SIZE	CASE PACK	PRODUCT NUMBER
4 1/2"	12	41129

Round Window-Green Nylex Style

Simulated green nylex style brush. Economical yet effective.

SIZE	CASE PACK	PRODUCT NUMBER
4 1/2"	12	41130



100% Horsehair

For Extra Fine dusting. Can be used in bakeries, flour mills and stores. Staple set into plastic or wood blocks.

SIZE	CASE PACK	PRODUCT NUMBER
8"	12	51220
9"	12	51221

Reinforced Horsehair

For Fine dusting in shops and stores. Also for benches and machines. Staple set into plastic or wood blocks.

SIZE	CASE PACK	PRODUCT NUMBER
8"	12	51222
9"	12	51223

100% Natural Black Tampico Fiber

The workhorse for dirt. Excellent for all purpose use. Staple set into plastic or wood blocks.

SIZE	CASE PACK	PRODUCT NUMBER
8"	12	51234
9"	12	51235



100% Flagged Synthetic

Picks up fine dust and dirt particles. Great all around dusting tool. Staple set into wood or plastic block.

SIZE	CASE PACK	PRODUCT NUMBER
8"	12	51236
9"	12	51237

100% Synthetic

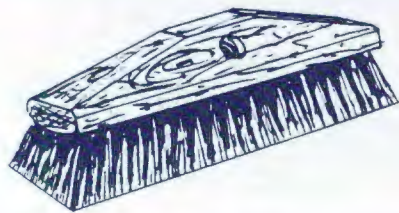
A low cost duster. Great for factories, and shops. Also makes an excellent household duster. Staple set into wood or plastic block.

SIZE	CASE PACK	PRODUCT NUMBER
8"	12	51238
9"	12	51239

Mason's Acid Brushes Hand Scrub Brushes

MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.

Mason's Brickcleaning Brushes

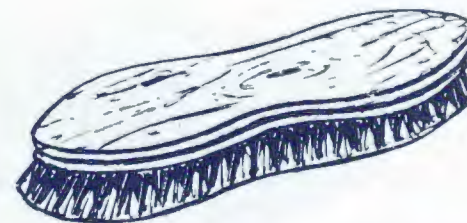


100% Natural White Tampico

Staple set into hardwood block, with two tapered handle holes. Used and recommended by brick cleaners for years. Holds more liquid than other brushes.

SIZE	CASE PACK	PRODUCT NUMBER
8 1/4"	12	51702
9 1/2"	12	51703
8 1/4"	12	51704
9 1/2"	12	51705

NEW
SYNTHETIC
STYLES!



100% Natural White Tampico Fiber Pointed End Scrub

For lighter scrubbing. Staple set into a pointed end hardwood block for hard to reach areas.

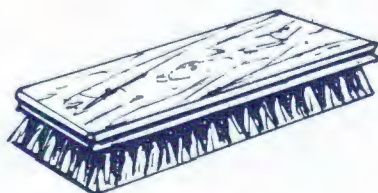
SIZE	CASE PACK	PRODUCT NUMBER
9"	12	51908

100% Natural Palmyra Fiber Pointed End Scrub

For heavy duty scrubbing. Staple set into a pointed end hardwood block for hard to reach areas.

SIZE	CASE PACK	PRODUCT NUMBER
9"	12	51910

Hand Scrub Brushes



100% Natural White Tampico Fiber

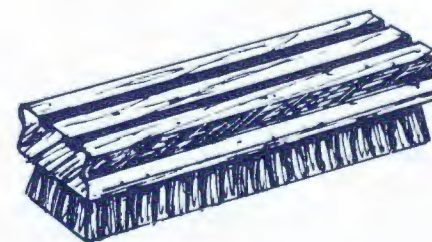
For lighter scrubbing with excellent water retention. Long lasting, staple set into a rectangular hardwood block.

SIZE	CASE PACK	PRODUCT NUMBER
8"	12	51900

100% Natural Palmyra Fiber Rectangular Scrub

For heavy duty scrubbing. Holds water well. Staple set into a rectangular hardwood block.

SIZE	CASE PACK	PRODUCT NUMBER
8"	12	51902



100% Natural White Tampico

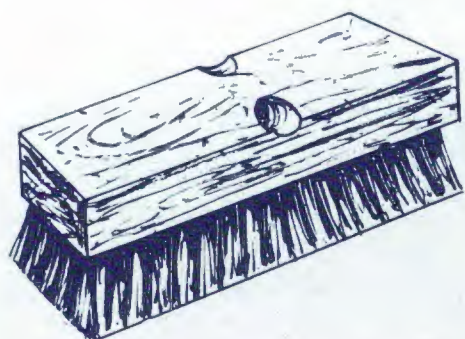
Small hand scrub approximately 5"—made of 100% Tampico. Staple set into a hardwood block.

SIZE	CASE PACK	PRODUCT NUMBER
5"	12	51912

100% Synthetic Nail Scrub

Small hand scrub similar to the 51912 but staple set Synthetic into a hardwood block.

SIZE	CASE PACK	PRODUCT NUMBER
5"	12	51914



100% Natural White Tampico Fiber

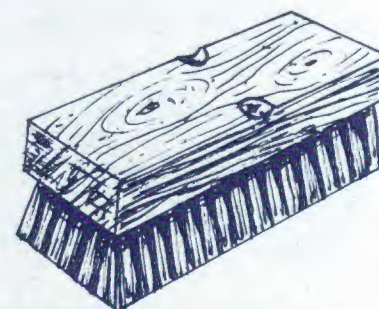
Rugged scrubbing brush. Natural Tampico Fiber, with its excellent water retention, makes an exceptional scrubbing tool. Used throughout the industry. Staple set into an Extra Thick Hardwood Block with two tapered handle holes.

SIZE	CASE PACK	PRODUCT NUMBER
10"	12	51950
12"	12	51951
14"	12	51952

100% Natural Stiff Palmyra Fiber

The toughest Natural Fiber scrubbing material. For heavy duty scrubbing jobs. Palmyra Fiber is staple set into an Extra Thick Hardwood Block with two tapered handle holes.

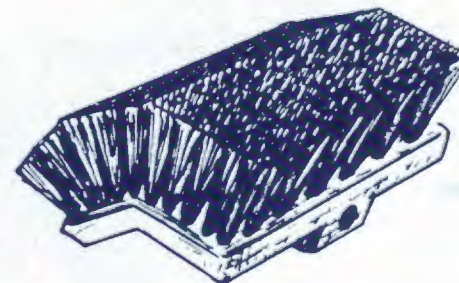
SIZE	CASE PACK	PRODUCT NUMBER
10"	12	51953
12"	12	51954
14"	12	51955



100% Synthetic

Long lasting Heavy Duty Synthetic fibers provide for excellent scrubbing. Synthetic fibers are staple set into an Extra Thick and Heavy Duty Hardwood Block with two tapered handle holes.

SIZE	CASE PACK	PRODUCT NUMBER
10"	12	51957
12"	12	51958
14"	12	51959



Dual Surface Scrubbers

For baseboards and kitchen maintenance. Plastic Block and Synthetic Fiber meet special standards for the food industry. Design allows for bristles to extend in two directions

CASE PACK	PRODUCT NUMBER
12	52062
12	52063

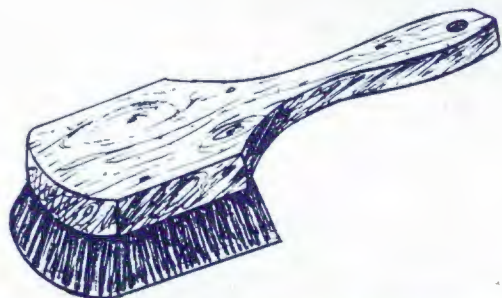


51950 through 51958 are also available with squeegees built into the block. To order: change the first digit of the code number to "6".
eg: 51950-10" White Tampico Deck Scrub would become 61950-10" White Tampico Deck Scrub with Squeegee.

Utility Scrubs/Spoke Brushes (Fender, Pot, Dairy, or Gong Style)

**MICHIGAN
BRUSH**
MANUFACTURING COMPANY, INC.

*A note about rugged structural foam blocks. Structural foam blocks have been designed to prevent cracking, chipping, rotting and warping. They will last longer than wood.



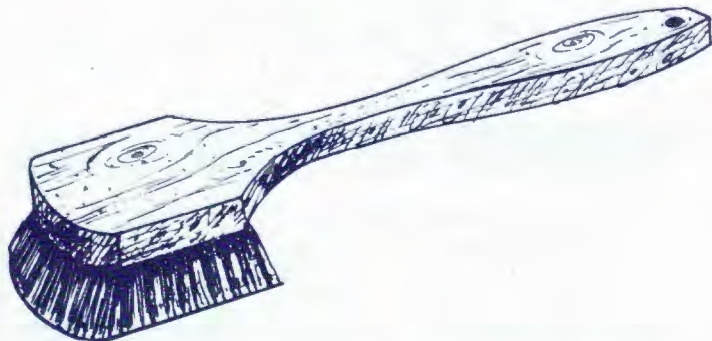
Short Handle

Utility brushes are heavily filled. Used throughout industry as general cleaning tools. Flared ends help to scrub hard to reach areas.

5 1/2" surface for maximum coverage. Staple set into rugged structural foam plastic blocks. 8" overall length.

(Hardwood is also available.)

FIBER	CASE PACK	PRODUCT NUMBER
100% Tampico	12	52208
100% Palmyra	12	52224
100% Synthetic	12	52236

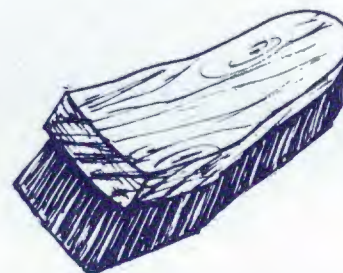


Long Handle

Same face as above but with longer handle. 20" overall length.

(Hardwood is also available.)

FIBER	CASE PACK	PRODUCT NUMBER
100% Tampico	12	52210
100% Palmyra	12	52226
100% Synthetic	12	52238



Swiss Dairy Style Scrub Brush

100% Plastic for strong scrubbing and hard to reach areas. Staple set and available on rugged structural foam block.

Also good for upholstery.

FIBER	CASE PACK	PRODUCT NUMBER
100% Synthetic	12	52248
Tampico	12	52249



Spoke Brush

100% Natural White Tampico Fiber tapered in between for spoke cleaning.

FIBER	CASE PACK	PRODUCT NUMBER
100% Tampico	12	53100

Spoke Brush

100% Plastic Fiber. For spokes, wheels and other hard to reach areas.

FIBER	CASE PACK	PRODUCT NUMBER
100% Synthetic	12	53101

Platers Brushes



100% Natural White Tampico Fiber

Densely filled platers brush with sure grip hardwood handles. Fiber staple set into the block.

SIZE	CASE PACK	PRODUCT NUMBER
2 x 18 rows	12	52402
3 x 18 rows	12	52403
4 x 18 rows	12	52404
6 x 18 rows	12	52406



Furniture Rubbing Brush

4 row rubbing brush made of 100% Natural Fiber or Bristle for delicate plating jobs.

FILL MATERIAL	CASE PACK	PRODUCT NUMBER
100% Bristle	12	52550
100% Tampico	12	52552

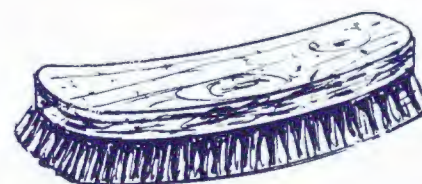


Detail Brush

Toothbrush style brush. Molded plastic handle with hang up hole. Custom designed for easy gripping action. Very durable, available with nylon or stainless steel. A great small parts cleaner.

FILL MATERIAL	CASE PACK	PRODUCT NUMBER
Nylon	36	52575
Stainless Steel	36	52576

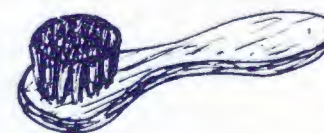
Shoe Brushes



Shoe Brushes

Solid hardwood block. Heavily filled. Staple set construction. 8". The finest quality shoe brush available.

FILL MATERIAL	CASE PACK	PRODUCT NUMBER
100% Horsehair	12	52600



Shoe Dauber

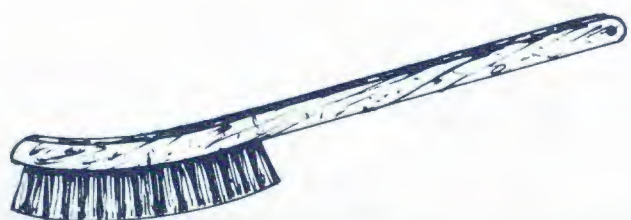
Solid hardwood block. Heavily filled dauber. Staple set construction. Excellent quality shoe dauber.

FILL MATERIAL	CASE PACK	PRODUCT NUMBER
100% Horsehair	12	52624

Radiator, Bowl, Toilet and Urn Style Brushes

MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.

Radiator Brushes



Radiator Brush

Staple set construction with a curved hardwood handle.

FILL MATERIAL	CASE PACK	PRODUCT NUMBER
100% Horsehair	12	52900

Radiator Brush

Staple set construction with a straight hardwood handle.

FILL MATERIAL	CASE PACK	PRODUCT NUMBER
100% Horsehair	12	52908



Radiator Brush

Twisted wire construction with a wooden handle. Approximate 24". 5" x 3" brush part.

FILL MATERIAL	CASE PACK	PRODUCT NUMBER
100% Horsehair	12	52910

Bowl, Toilet and Urn Style Brushes



Standard Sanitary Maintenance

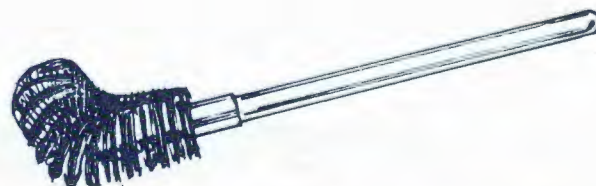
For toilets. Heavily filled with 100% Natural White Tampico Fiber. Twisted in wire head with rust resistant construction securely attached to a hardwood handle with hang-up hole.

CASE PACK	PRODUCT NUMBER
12	53300

Standard Sanitary Maintenance

Similar to the 53300 however made with Synthetic Fiber.

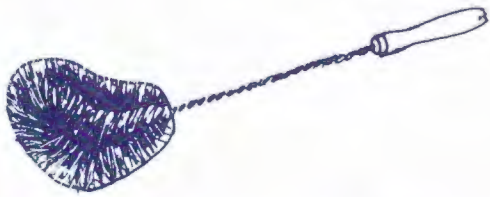
CASE PACK	PRODUCT NUMBER
12	53301



Heavy Duty Sanitary Maintenance

Heavy Duty Black Nylon sanitary maintenance brush for the professional. Special shape for easy bowl cleaning. Heavy duty rubber ferrule on neck of brush and handle helps prevent scratching and separation of head from handle. Convenient hang-up hole included.

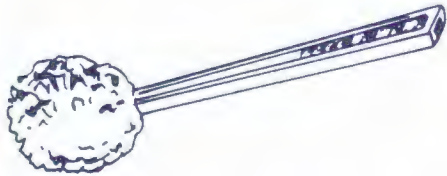
CASE PACK	PRODUCT NUMBER
12	53304



100% Natural White Tampico

Special construction bowl brush. Multi purpose for toilets, urinals, and bed pans. Constructed with rust resistant wire. Wire shaft securely joined to the handle. Convenient hang-up hole included.

CASE PACK	PRODUCT NUMBER
12	53312



Acid Resistant Duralon Bowl Brush

Convenient inexpensive toilet bowl mop. Acid resistant Duralon. Continuous filament yarn. Long lasting. Plastic handle with convenient hang-up hole.

CASE PACK	PRODUCT NUMBER
12	53316



Special Design Bowl Brush

Bent hardwood handle. Spiral woven. 100% Natural 3 Color Tampico Blend. Spiral woven on hardwood handle with non scratching wire.

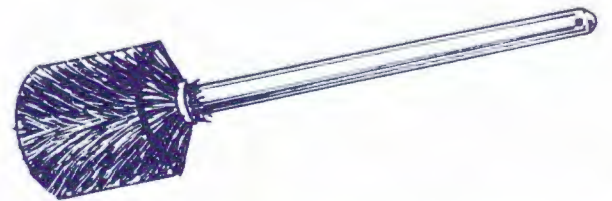
CASE PACK	PRODUCT NUMBER
12	53320



Special Design Bowl Brush

Straight handle. 100% Natural 3 Color Tampico blend, spiral woven on hardwood handle with non scratching wire.

CASE PACK	PRODUCT NUMBER
12	53326



Special Design Bowl Brush

Solid wound heavily filled and wrapped on a hardwood handle. For heavier scrubbing of bowls. Made with 100% Palmyra Fiber.

CASE PACK	PRODUCT NUMBER
12	53328

Professional Draftsmen's Dusters

MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.



100% Silver Grey Horsehair

Unique Natural Lacquered Hardwood Block, Razor Back style. Material set with wire staples. Length of brush 8" with 9" spread of hair overall. The Professional Draftsman's choice.

SIZE	CASE PACK	PRODUCT NUMBER
13 1/2"	12	52702



100% Silver Grey Horsehair

Plastic block, razor back style. Material set with wire staples. Length of brush 8" with 9" spread of hair overall.

SIZE	CASE PACK	PRODUCT NUMBER
13 1/2"	12	52703



100% Dark Grey Horsehair

Medium Stiff. Natural Lacquered Hardwood block. Material set with wire staples. Brush part is 8 1/2" long.

SIZE	CASE PACK	PRODUCT NUMBER
14"	12	52704



100% Dark Grey Horsehair

Medium Stiff. Plastic block. Material set with wire staples. Brush part is 8 1/2" long.

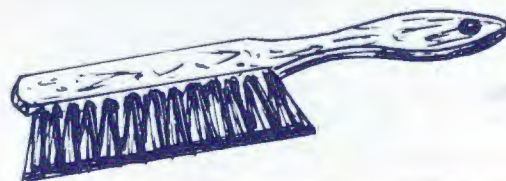
SIZE	CASE PACK	PRODUCT NUMBER
14"	12	52705



Blended Synthetic/Black Horsehair

Medium Stiff. Natural Lacquered Hardwood block. Material set with wire staples. Brush part is 8 1/2" long.

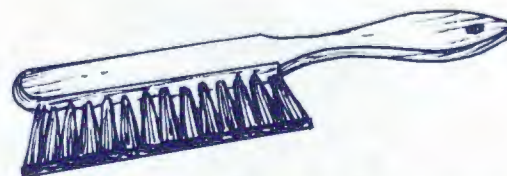
SIZE	CASE PACK	PRODUCT NUMBER
14"	12	52714



100% Dark Grey Horsehair

Medium Stiff. Natural Lacquered Hardwood block. Material set with wire staples. Brush part is 5 1/2" long.

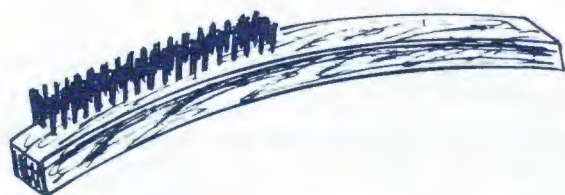
SIZE	CASE PACK	PRODUCT NUMBER
10"	12	52710



100% Dark Grey Horsehair

Medium Stiff. Plastic block. Material set with wire staples. Brush part is 5 1/2" long.

SIZE	CASE PACK	PRODUCT NUMBER
10"	12	52711



Bent Handle Scratch Brushes

The finest scratch brushes made in the USA today. Always solid hardwood blocks extra heavily filled with high carbon steel wire. Staple set for long lasting professional use. You may find them cheaper, but you'll never find them better.

SIZE	CASE PACK	PRODUCT NUMBER
2 x 19 rows	12	53602
3 x 19 rows	12	53603
4 x 19 rows	12	53604
6 x 19 rows	12	53606

Also available in stainless steel and nylon fill.



Shoe Handle

SIZE	CASE PACK	PRODUCT NUMBER
4 x 16 rows	12	53610



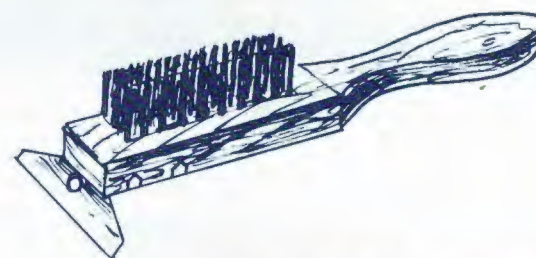
Straight Back

SIZE	CASE PACK	PRODUCT NUMBER
6 x 19 rows	12	53620



Butcher Block

SIZE	CASE PACK	PRODUCT NUMBER
5 x 10 rows	12	53630



Scratch Brushes with Scrapers Attached

SIZE	CASE PACK	PRODUCT NUMBER
3 x 18 rows	12	53613
4 x 18 rows	12	53614
4 x 11 rows	12	53650

(53613 and 53614 are similar to bent handle scratch brushes except with scraper.)



Small Wire Scratch Brushes

Toothbrush style. Hardwood handle. Staple set construction for smaller areas.

FILL MATERIAL	SIZE	CASE PACK	PRODUCT NUMBER
Nylon	3 x 7 rows	36	56610
Stainless Steel	3 x 7 rows	36	56620
Brass	3 x 7 rows	36	56630
Bronze	3 x 7 rows	36	56640

Wire Scratch and File Card Brushes



Jiffy Wire Loop Scratch

Loop handle brush overall length of brush is 5 1/2". High Carbon Steel.

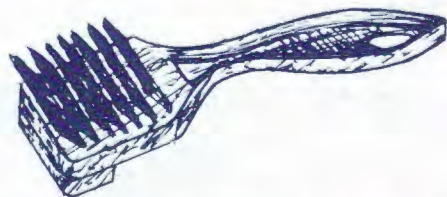
SIZE	CASE PACK	PRODUCT NUMBER
5 1/2"	12	56600



Wire Tire Brushes Small Brass Wire Tire Brush

Great utility brush for scrubbing and cleaning white walls. Hang up hole molded into the easy grip plastic handle. Made of crimped brass wire. Staple set construction.

SIZE	CASE PACK	PRODUCT NUMBER
7 1/2"	12	56710



Large Brass Wire Tire Brush

Heavily filled crimped brass wire. Staple set into plastic molded block. Hang up hole.

SIZE	CASE PACK	PRODUCT NUMBER
8 1/2"	12	56720



One Row Aluminum Back Handle Stainless Fill

Scratch brush for automotive and aircraft industries. Narrow one row of stainless steel, set into an aluminum handle.

SIZE	CASE PACK	PRODUCT NUMBER
1" x 11"	100	56618



Pencil Style Scratch

Brass tubular construction. Carbon steel fill. For aerospace and automotive industries.

SIZE	CASE PACK	PRODUCT NUMBER
5 1/2" x 1/4" x 1"	24	56616



File Carding Brush

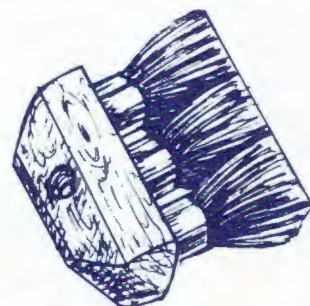
100% Natural White Tampico Fiber combined with wire cloth carding on hardwood block with easy grip handle. Used for cleaning files and other maintenance jobs.

SIZE	CASE PACK	PRODUCT NUMBER
8 1/4"	12	63650

File Card

Wire cloth carding only on easy grip hardwood handle. Excellent tool for cleaning files and other areas where metallic bristle teeth can be used for cleaning.

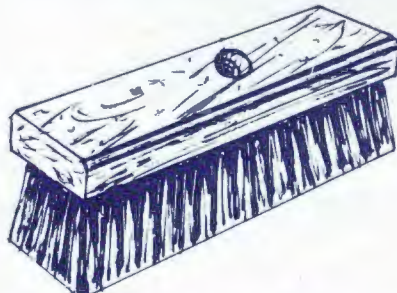
SIZE	CASE PACK	PRODUCT NUMBER
9 1/2"	12	63659



Knot Roofers

100% Natural Tampico Fiber filled knots. Seamless ferrules. Center plug construction holds Tampico Fiber into hardwood blocks. One tapered handle hole.

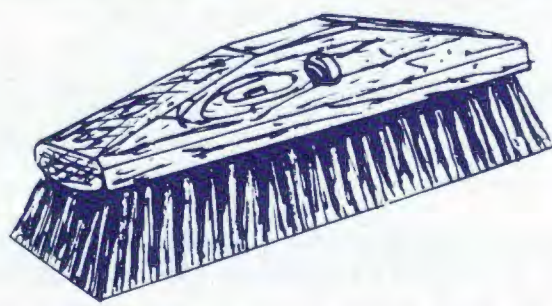
SIZE	CASE PACK	PRODUCT NUMBER
3 knot	12	64103
4 knot	12	64104



Roof Brush

100% Natural Tampico staple set into a solid hardwood block. Two tapered handle holes. For roof coating and applying cleaning solutions to roofing and brick work. Hot or cold use.

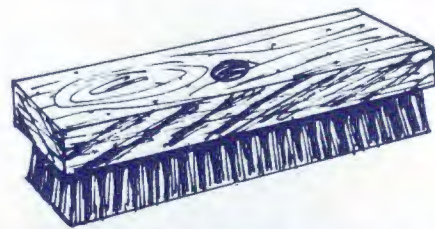
SIZE	CASE PACK	PRODUCT NUMBER
7"	12	64127
9"	12	64129



Heavy Duty Applicator Brush

Specially designed hardwood block. Extra heavily filled with 100% Natural Tampico Fiber. Staple set construction. Heavy duty spreader for tar, roofcoatings, sealers, mastics and epoxies. Also ideal for brick cleaners acid solutions. Acid resistant. Hot or cold use.

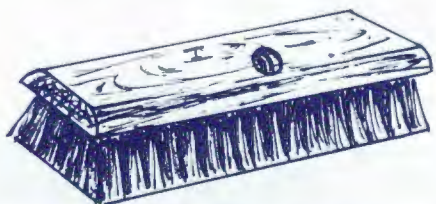
SIZE	CASE PACK	PRODUCT NUMBER
8 1/4"	12	51702
9 1/2"	12	51703



Acid Brush

Short trim 100% Natural Tampico Fiber on 7" block. Threaded handle hole. For use with cement wall and block washing. Acid resistant.

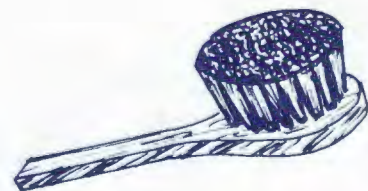
SIZE	CASE PACK	PRODUCT NUMBER
7"	12	67107



100% Synthetic Fiber

Staple set. Hardwood block. Use for sealant application to roofs. Low cost alternative to Tampico Fiber.

SIZE	CASE PACK	PRODUCT NUMBER
7"	12	67417



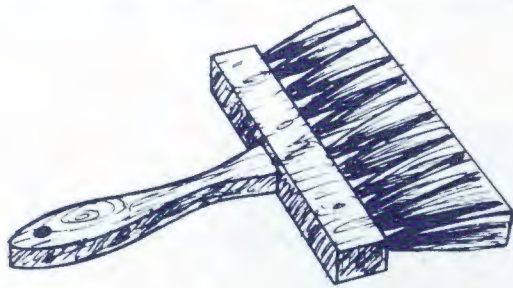
Tar Dauber

For applications of mastics, tar and other heavy duty daubing activities. Overall length 17" x 2 1/2" trim. 100% Natural White Tampico Fiber staple set into a solid hardwood block.

SIZE	CASE PACK	PRODUCT NUMBER
6"	12	67517

Whitewash, Smoothing and Paste Brushes

MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.



Kalsomine

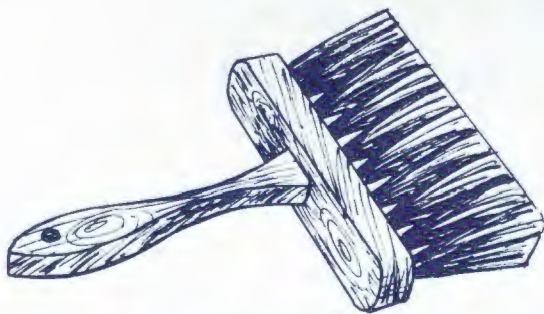
100% Natural White Tampico Fiber. Natural Hardwood Block and Handle. Strong staple set construction. Perfect low cost brush for applying kalsomine, masonry paint, wallpaper paste, and water based paint. 2 rows x 3" trim x 6" wide. Hang up hole in handle.

CASE PACK	PRODUCT NUMBER
12	73802

Whitewash

Densely filled 100% Natural White Tampico Fiber. Natural Hardwood Block and Handle. Staple set construction. 4 rows x 3" trim x 6 1/2" wide. Hang up hole in handle.

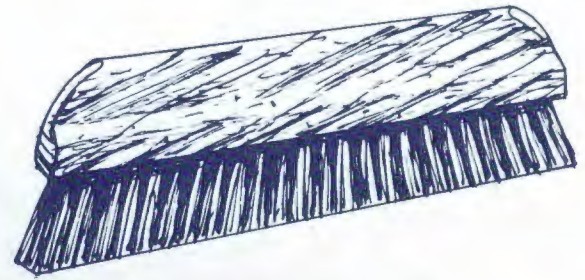
CASE PACK	PRODUCT NUMBER
12	73804



Masonry

Densely filled 100% Natural White Tampico Fiber. Varnished Hardwood Block and Handle. Staple set construction. Our Extra Heavy duty model. 5 rows x 3 3/4" trim x 6 1/2" wide. Hang up hole in handle.

CASE PACK	PRODUCT NUMBER
12	73805



Smoothing Brush

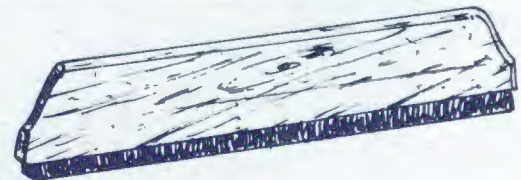
100% Natural White Tampico paper hangers smoothing brush. Smooth sanded wax tumbled hardwood block. 2 rows x 12" long x 2" trim.

CASE PACK	PRODUCT NUMBER
12	74252

Smoothing Brush

100% Cream Colored Plastic Fiber. Staple set construction. Molded block construction. Molded plastic block with thumb or finger hole. 2 rows x 12" long x 2" trim.

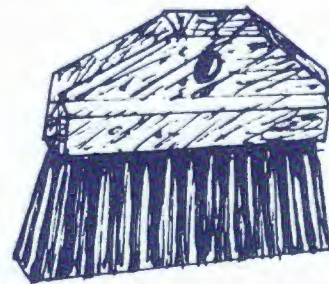
CASE PACK	PRODUCT NUMBER
12	74272



Vinyl Plastic Smoothing Brush

Plastic Fill. Staple set construction with a Lacquered Hardwood Block. The brush is designed to help apply plastic and vinyl wall coverings. 2 rows x 12" long x 9/16" trim.

CASE PACK	PRODUCT NUMBER
12	74262

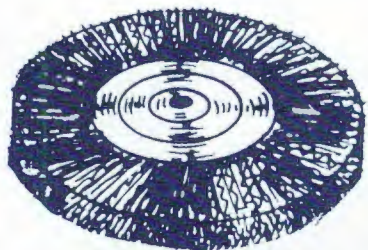


Whitewash Brush

For fences, buildings, basements, and other indoor or outdoor surfaces. 100% Natural White Tampico Fiber staple set into a hardwood block. Approximate 2 1/2" trim comes with a 12" handle.

CASE PACK	PRODUCT NUMBER
12	74275

READ SAFETY GUIDELINES INSTRUCTIONS ON PAGES 28 AND 29. READ SAFETY GUIDELINES INSTRUCTIONS ON PAGES 28 AND 29.

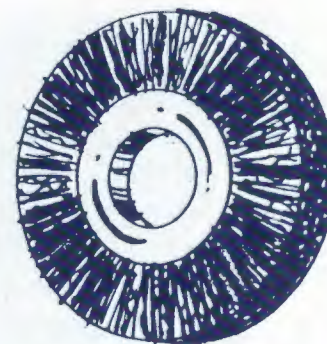


Narrow Face Wire Wheels

Narrow face wire wheels are ideal for areas inaccessible to wider faced brushes. Trim allows conformity to irregular areas. Use stacked in multiples or individually. These brushes are perfectly balanced and engineered to give maximum results.

DIAMETER	WIRE SIZE	ARBOR HOLE	TRIM	FACE	MAX RPM	CASE PACK	PRODUCT NUMBER
3"	.006	3/8"-1/2"	1/2"	1/2"	6,000	2	81000
	.008						81002
	.014						81004
4"	.006	3/8"-1/2"	13/16"	1/2"	6,000	2	81006
	.0118						81008
	.014						81010
6"	.006	1/2"-5/8"	17/16"	1/2"	6,000	2	81012
	.008						81014
	.0104						81016
	.0118						81018
	.014						81020
							81022
8"	.006	1/2"-5/8"	2 1/16"	1/2"	6,000	2	81024
	.008						81026
	.0104						81028
	.0118						81030
	.014						81032
							81036
10"	.0104	3/4"	2 3/8"	3/4"	3,000	2	81034
	.0118						81038
	.014						81042
							81044
12"	.006	1 1/4"	2 3/8"	3/4"	3,000	2	81046
	.0104						81048
	.0118						
	.014						

The brushes represented here are the most frequently used specifications. These brushes are also available with different arbor holes, with stainless steel wire and different wire sizes. Encapsulated wire brushes in a variety of styles are available. Please consult with one of our representatives, they will be glad to special order brushes as you need them.



Medium Face Wire Wheels

For general brushing requirements—flash, deburring, surface preparation before painting and cleaning off paint, rust, and dirt. Used for roughing up surfaces for better adhesion. Can be used in finishing for a finer appearance. Medium face for medium strength.

DIAMETER	WIRE SIZE	ARBOR HOLE	TRIM	FACE	MAX RPM	CASE PACK	PRODUCT NUMBER
4"	.0118	2"	5/8"	7/8"	6,000	1	82004
6"	.006	2"	1 1/8"	7/8"	6,000	1	82006
	.0104						82008
	.014						82010
8"	.006	2"	1 3/8"	1"	6,000	1	82012
	.0104						82014
	.014						82016
							82018
10"	.0118	2"	1 7/8"	1 1/4"	3,000	1	82020
	.014						82022
	.0118						82024
12"	.014	2"	2 7/8"	1 3/8"	3,000	1	82026
	.020						

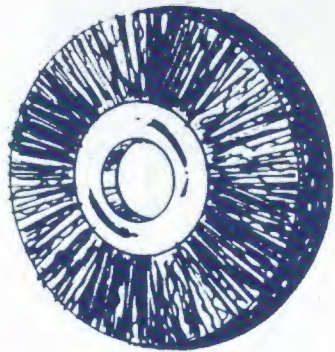
REMEMBER COMMON SAFETY PRACTICES WHEN USING POWER BRUSHES:

1. WEAR GOGGLES.
2. KEEP MACHINE GUARDS IN PLACE.
3. WEAR PROTECTIVE CLOTHING.
4. OPERATE WITHIN THE SPEED RESTRICTIONS (MAXIMUM SAFE FREE SPEED)

Wire Wheels

MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.

READ SAFETY GUIDELINES INSTRUCTIONS ON THIS PAGE.



Wire Wheels-Wide Face

Where heavy duty brushing is required to go beyond the power and ability of the medium and narrow face brushes. Heavily filled and densely packed for maximum aggressive action. A longer life brush specially designed for rugged use.

DIAMETER	WIRE SIZE	ARBOR HOLE	TRIM	FACE	MAX RPM	CASE PACK	PRODUCT NUMBER
3"	.006	2"	3/4"	1"	6,000	1	83002
	.0118						83004
	.014						83006
4"	.006	2"	1 1/8"	1 1/4"	6,000	1	83008
	.0104						83010
	.014						83012
6"	.0118	2"	1 5/8"	1 1/4"	6,000	1	83014
	.014						83016
	.006						83018
8"	.0118	2"	1 3/8"	1 1/4"	4,000	1	83020
	.014						83022
	.020						83024
10"	.0104	2"	1 7/8"	1 5/8"	3,000	1	83026
	.014						83028
	.020						83030
12"	.0118	2"	2 7/8"	1 3/4"	3,000	1	83032
	.014						83034
	.020						83036

IMPORTANT SAFETY GUIDELINES

CAUTION
AVOID INJURY
OBSERVE BRUSH
SAFETY RULES



IMPORTANT:
All operators must read and understand safety information thoroughly and completely before using the brush!

Keep this Safety Slip with the brush. All operators must read it.

WARNING failure to observe safety precautions may result in **INJURY**

Summary — Power Brush Safety Requirements

1. Safety Goggles: Safety Goggles, or Full Face Shields worn over Safety Glasses with side shields, *MUST BE WORN* by all OPERATORS and OTHERS IN THE AREA OF POWER BRUSH OPERATIONS. Comply with the requirements of ANSI Z87.1 ("Occupational Eye and Face Protection").

2. Guards: Keep all machine guards in place.

3. Speeds: Observe all speed restrictions indicated on the brushes, containers, labels, or printed in pertinent literature. "MSFS" or "MAX. SFS" means Maximum Safe Free Speed (R.P.M.) - spinning free with no work applied. For reasons of Safety, the "MSFS/MAX. SFS" should not be exceeded under any circumstances.

4. Safety Standard: Comply with the Safety Standards of the American National Standards Institute, ANSI B165.1 and ANSI B165.2 - "Safety Requirements - Power Brushes"

5. Protective Equipment: Appropriate protective clothing and equipment (such as full face shield, gloves, respirator, etc.) must be used where a possibility of injury exists that can be prevented by such equipment.

6. Before Starting Brush: Use eye protection and safety equipment. Inspect brush for rust, damage, speed limit, etc. If no-load speed marked on the power tool is higher than the brush speed limit, *do not* mount brush. Inspect and jog machine to assure the brush is mounted properly and securely, machine guards are in place, no vibration, etc. Run machine at operating speed for at least one minute before applying work — **DO NOT STAND IN FRONT OF OR IN LINE WITH BRUSH.**

Warning: In normal power brushing operations, the material being removed, such as burrs, scale, dirt, weld slag, or other residue, will fly off the brush with considerable force along with the brush filaments which break off due to fatigue.

The potential of serious injury exists for both the brush operator and others in the work area (possibly 50 or more feet from the brush). To protect against this hazard, before rotating the brush, during rotation, and until rotation stops, operators and others in the area must wear SAFETY GOGGLES, or FULL FACE SHIELDS WORN OVER SAFETY GLASSES WITH SIDE SHIELDS, and use PROTECTIVE CLOTHING and EQUIPMENT.

You must follow all operator and safety instructions, as well as common safety practices which will reduce the likelihood or severity of physical injury.

Inspection and Storage: Upon receipt, inspect brushes for damage, rust, and deterioration. Store in original containers in a clean, dry location. Do not allow distortion of brush filaments/components or foreign matter to become lodged in brush face.

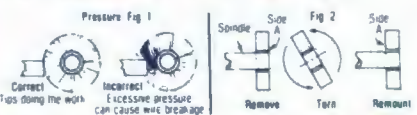
Dust and Fumes: Wear respiratory protection against this hazard (see ANSI Z88.2).

Brushing Problems: **DO NOT ALLOW UNSAFE OPERATIONS TO CONTINUE** - Occasionally, due to worn bearings, a bent spindle, an unusual application, operator abuse or inappropriate use, a brush may fail. Do not use or continue to use a failed brush or one which is functioning improperly (i.e., throwing filaments, out of balance, etc.), as this increases the possibility for further brush failure and hazard of injury. The cause of the failure should be evaluated and corrected immediately.

SAFETY GUIDELINES, continued

Safety Information: Many Brush Manufacturers mark some safety warnings, recommendations, and usage restrictions directly on the product. It is not always practical to include even the most limited safety information on the brush itself. Therefore, before operating the brush, the operator must read and follow all instructions supplied in or on the product container, as well as those marked on the product itself. The operator should also refer to the safety and operating information printed in the brush or power tool manufacturer's catalog, instruction manual, and other literature.

Pressure: Avoid excessive pressure when using a power brush. Excessive pressure causes overbending of the filaments and heat buildup resulting in filament breakage, rapid dulling, and reduced brush life. Instead of greater pressure on a brush, it is suggested that you try: (1) a brush with a more aggressive cutting action (increased wire size, decreased filament length, change to a different brush type, i.e., knot type instead of crimped wire type), or (2) higher speed (increased R.P.M., increased brush diameter). **IMPORTANT NOTE:** Never exceed the recommended MAXIMUM SAFE FREE SPEED R.P.M. (MSFS/MAX. SFS) rating of the brush. See Fig 1.



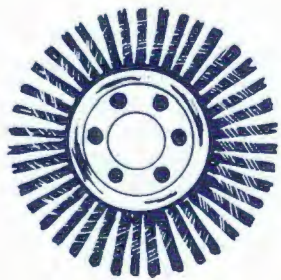
Safety Committee American Brush Manufacturers Association



Self-Sharpening: When using wire wheel brushes, periodically reverse the direction of rotation to take advantage of the self-sharpening action that will result. This may be accomplished by removing the brush from the spindle and turning it side-for-side, and remounting securely. See Fig. 2.

Availability of ANSI Standards: Contact ANSI, 1430 Broadway, New York, NY 10018.

"This information for users is provided solely as a public service. These recommendations are not necessarily complete for any particular application, and you should follow common sense safety considerations. Federal, state or local laws or regulations must be strictly obeyed, and control over these recommendations."



Knot Wheels-Cable Twist

For the most severe brushing action. All strands the same count per knot.

DIAMETER	WIRE SIZE	ARBOR HOLE	TRIM	FACE	MAX RPM	CASE PACK	PRODUCT NUMBER
4"	.020	3/8" - 1/2"	7/8"	1/4"	20,000	1	84000
6"	.023	3/8" - 5/8"	1 3/8"	3/8"	9,000	1	84004
8"	.023	1/2" - 5/8"	1 5/8"	1/2"	6,000	1	84008
10"	.023	1 1/4"	1 3/4"	1/2"	4,500	1	84012

READ SAFETY GUIDELINES INSTRUCTIONS ON THIS PAGE.



Knot Wheel-Standard Twist

For aggressive brushing results. All strands same count per knot.

DIAMETER	WIRE SIZE	ARBOR HOLE	TRIM	FACE	MAX RPM	CASE PACK	PRODUCT NUMBER
3"	.0118	3/8" - 1/2"	5/8"	3/8"	25,000	1	84102
	.014						84104
	.020						84106
4"	.0118	3/8" - 1/2"	7/8"	1/2"	20,000	1	84108
	.014						84110
	.020						84112
6"	.0118	3/8" - 1/2"	1 3/8"	1/2"	9,000	1	84114
	.014						84116
	.023						84118
8"	.0118	1/2" - 5/8"	1 5/8"	5/8"	6,000	1	84120
	.016						84122
	.023						84124
10"	.0118	1 1/4"	1 3/4"	3/4"	4,500	1	84126
	.014						84128
	.016						84130
12"	.0118	1 1/4"	2 3/4"	3/4"	3,600	1	84132
	.014						84134
	.016						84136

REMEMBER COMMON SAFETY PRACTICES WHEN USING POWER BRUSHES:

1. WEAR GOGGLES.
2. KEEP MACHINE GUARDS IN PLACE.
3. WEAR PROTECTIVE CLOTHING.
4. OPERATE WITHIN THE SPEED RESTRICTIONS (MAXIMUM SAFE FREE SPEED)

Small Copper Center Wire Wheels

Adapters for Wire Wheel Brushes

READ SAFETY GUIDELINES INSTRUCTIONS ON PAGES 28 AND 29.



Small Copper Center Wire Wheel Brushes

DIAMETER	WIRE SIZE	ARBOR HOLE	FACE	MAX RPM	CASE PACK	PRODUCT NUMBER
1"	.003	1/4"	3/16"	20,000	12	84201
	.006					84203
1 1/4"	.003	1/4"	1/4"	20,000	12	84205
	.006					84207
	.008					84209
1 3/8"	.006	1/4"	1/4"	20,000	12	84211
	.008					84213
	.0104					84215
	.006					84217
1 1/2"	.008	3/8"	1/4"	20,000	12	84219
	.0104					84221
	.0118					84223
	.014					84225
	.006					84227
2"	.008	1/2"	3/8"	15,000	12	84228
	.0104					84230
	.0118					84232
	.014					84234
	.0118					84238
2 1/2"	.014	1/2"	3/8"	15,000	12	84240
	.0118					84244
2 1/2"	.014	5/8"	3/8"	15,000	12	84246
	.003					84250
3"	.006	1/2"	3/8"	15,000	12	84252
	.008					84254
	.0104					84256
	.0118					84258
	.014					84260
	.006					84264
4"	.008	5/8"	3/8"	15,000	12	84266
	.0118					84268
	.014					84270

As with all our products listed, these brushes represent the most frequently used brushes. If you have a need for other sizes, wire, or styles, please ask us and we'll be pleased to accommodate your needs.

Adapters for Wire Wheel Brushes



Snap Out Adapter

SIZE	PRODUCT NUMBER
1/2"-1/4"	84278
1/2"-3/8"	87280



Threaded Chuck Adapter for Copper Center Wire Wheels

BRUSH ARBOR HOLE	SHANK DIAMETER	PRODUCT NUMBER
1/2"	1/4"	87282



Fits 2" Arbor Hole to Make Arbor Hole Size (Used in Pairs)

SIZE	PRODUCT NUMBER
1/2"	87284
5/8"	87285
3/4"	87286
7/8"	87287
1"	87288
1 1/4"	87289
1 1/2"	87290

Power Cleaning Brushes

(End, Knot, and Crimped Cup Brushes)



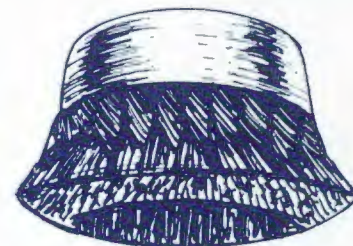
End Brushes

DIAMETER	WIRE SIZE	TRIM	MAX SFS/RPM	CASE PACK	PRODUCT NUMBER
1/2"	.006	1"	20,000	12	87500
	.0104				87502
	.014				87504
	.020				87506
3/4"	.006	1"	20,000	12	87508
	.0104				87510
	.014				87512
	.020				87514
1"	.006	1"	20,000	12	87516
	.0104				87518
	.014				87520
	.020				87522

Other styles and sizes are available. Knot Type, Coated and Banded are all available as well as Stainless Steel Wire. Please consult with our representative regarding any special requests you may have.

**REMEMBER COMMON SAFETY PRACTICES
WHEN USING POWER BRUSHES:**

1. WEAR GOGGLES.
2. KEEP MACHINE GUARDS IN PLACE.
3. WEAR PROTECTIVE CLOTHING.
4. OPERATE WITHIN THE SPEED RESTRICTIONS (MAXIMUM SAFE FREE SPEED)

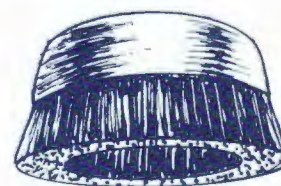


Knot Cup Brushes—Single Row-Heavy Duty

Designed for fast cleaning of large metal areas, also, weld cleaning, deburring, rust, and paint removal.

DIAMETER	WIRE SIZE	ARBOR HOLE	TRIM	MAX RPM	PACK	PRODUCT NUMBER
3"	.014	5/8-11	1 3/8"	9,000	1	87400
	.020					87401
4"	.014	5/8-11	1 3/8"	9,000	1	87404
	.023					87405
6"	.035	5/8-11	1 3/8"	6,000	1	87406
	.014					87408
	.023					87409
	.035					87410

Double row knot type cup brushes available upon request. Please ask our representatives for details.



Crimped Wire Cup Brushes

Designed for fast cleaning of large metal areas, also, weld cleaning, deburring, rust, and paint removal.

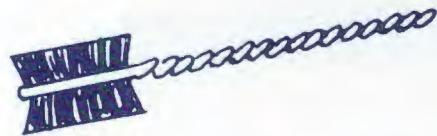
DIAMETER	WIRE SIZE	ARBOR HOLE	TRIM	MAX RPM	PACK	PRODUCT NUMBER
4"	.014	5/8-11	1 3/8"	9,000	1	87414
	.020					87415
5"	.014	5/8-11	1"	9,000	1	87416
	.020					87417
6"	.014	5/8-11	1 1/4"	6,000	1	87418
	.020					87420

Non-sparking bronze wire available upon request. Please ask our representative for details.

Power Cleaning Brushes

(Burr Cleaning Brushes)

MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.



Side Burr Brushes

For cleaning the inner walls of tubes or cylinders. Heavy duty stainless steel handle can be chucked into any power tool chuck. M.S.F.S. is 3,400 RPM. Our most frequently requested sizes. Other sizes available upon request.

DIAMETER	BRUSH PART	OVERALL LENGTH	STEM	WIRE GAUGE	PRODUCT NUMBER
1/4"	9/16"	2 1/8"	17	.003	87300
				.005	87304
9/32"	9/16"	2 1/8"	17	.003	87308
				.005	87312
5/16"	9/16"	2 1/8"	17	.003	87316
				.005	87320
3/8"	9/16"	2 1/8"	17	.003	87324
				.005	87328
1/2"	9/16"	2 1/8"	17	.008	87332
				.003	87336
3/4"	5/8"	2 1/4"	14	.005	87340
				.008	87344
1"	5/8"	2 1/4"	14	.003	87348
				.005	87352
1 1/4"	5/8"	2 1/4"	14	.008	87356
				.003	87360
				.005	87364
				.008	87368
				.003	87372
				.005	87378
				.008	87382

Holder

Reduces the bristle trim slightly and offers stiffer brushing results. Holders allow brushes to be driven at a slightly higher RPM. There are two sizes available:

SLOT DIAMETER	CHUCK END DIAMETER	OVERALL LENGTH	PRODUCT NUMBER
1/4"	1/4"	3 3/8"	87590
3/8"	1/4"	3 3/8"	87591

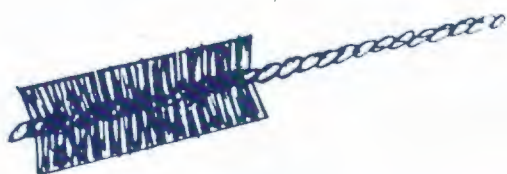


Burr Cleaning Brushes

All Purpose Style for inner walls of tubes and machined parts. Stainless Steel handle for extra strength and corrosion resistance.

DIAMETER	BRUSH LENGTH	OVERALL LENGTH	STEM DIAMETER	WIRE DIAMETER	PRODUCT NUMBER
1/4"	1"	3 1/2"	.113	.003	87602
				.004	87603
				.005	87604
3/8"	1"	3 1/2"	.113	.003	87608
				.004	87610
				.005	87612
1/2"	1"	3 1/2"	.168	.004	87616
5/8"	1"	3 1/2"	.168	.006	87620
3/4"	1"	3 1/2"	.220	.004	87624
7/8"	1"	3 1/2"	.220	.006	87628
1"	1"	3 1/2"	.220	.003	87632

Other sizes available upon request.



Double Spiral-Double Stem Tube Brushes

Heavy duty double twisted wire brushes for power tools, drills and drill presses.

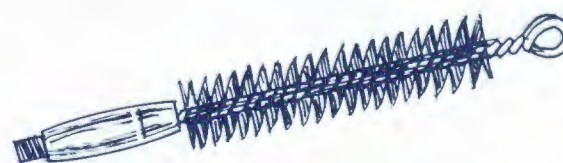
DIAMETER	BRUSH LENGTH	OVERALL LENGTH	STEM DIAMETER	WIRE DIAMETER	PRODUCT NUMBER
1/4"	1 1/2"	4"	.095	.003	87800
				.005	87802
3/8"	1 1/2"	4"	.125	.003	87806
				.005	87810
7/16"	2"	5"	.162	.006	87814
1/2"	2"	5"	.162	.004	87822
				.006	87826
9/16"	2"	5"	.208	.008	87830
5/8"	2"	5"	.208	.008	87836
11/16"	2"	5"	.208	.008	87842
3/4"	2"	5 1/2"	.237	.006	87848
				.010	87854
13/16"	2 1/2"	5 1/2"	.237	.010	87862
7/8"	2 1/2"	5 1/2"	.237	.010	87866
				.006	87870
1"	2 1/2"	5 1/2"	.237	.010	87874

Other sizes available upon request.

**REMEMBER COMMON SAFETY PRACTICES
WHEN USING POWER BRUSHES:**

1. WEAR GOGGLES.
2. KEEP MACHINE GUARDS IN PLACE.
3. WEAR PROTECTIVE CLOTHING.
4. OPERATE WITHIN THE SPEED RESTRICTIONS (MAXIMUM SAFE FREE SPEED)

Flue Brushes



Flue Brushes

FLUE SIZE	BRUSH SIZE	BRUSH PART	WIRE	CASE PACK	PRODUCT NUMBER	
					SINGLE SPIRAL	DOUBLE SPIRAL
1"	3/4"	4 1/2"	.010	12	89084	89094
1 1/2"	1 1/4"	4 1/2"	.012	12	89086	89095
2"	1 3/4"	4 1/2"	.012	12	89088	89096
2 1/2"	2 1/4"	4 1/2"	.012	12	89090	89097
3"	2 3/4"	4 1/2"	.012	12	89092	89098

Other sizes are available upon request.

Manual Cleaning Brushes

MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.



Single Spiral Looped End Hand Tube Brushes

Twisted in wire brushes for hand cleaning insides of tubes, drilled orifices and minor burr removal. Easy to use loop end handle.

BRUSH DIAMETER	BRUSH LENGTH	OVERALL LENGTH	STEM DIAMETER	WIRE DIAMETER	PRODUCT NUMBER
1/4"	1 1/2"	7"	.008	.003	88800
				.005	88802
3/8"	2"	8"	.120	.004	88804
				.006	88806
1/2"	2"	8"	.120	.004	88808
				.006	88810
3/4"	2 1/2"	9"	.150	.005	88814
				.008	88816
7/8"	3"	10"	.172	.005	88820
				.008	88822
1"	3"	10"	.172	.005	88826
				.008	88828

Other sizes available upon request. Please speak with our representative regarding your specific requirements. Miniature twisted-in-wire brushes are available from .020" to .125" for very small cavities. We can produce a wide range of sizes and can use numerous different wire sizes to meet your needs. Just ask us if you don't see what you want.



General Cleaning Twisted-In-Wire Tube Brushes

Looped end for hand use. For wet or dry use with cleaners. Listed here are 100% Horsehair filled brushes. These brushes can be made with Nylon as well.

DIAMETER	BRUSH PART	OVERALL LENGTH	STEM WIRE	PRODUCT NUMBER
1/4"	2"	6 1/4"	16	89000
3/8"	2"	6 1/4"	16	89006
1/2"	3"	8 1/2"	15	89012
3/4"	3"	8 1/2"	15	89018
1"	4"	12 1/2"	13	89024
1 1/4"	4"	13"	13	89026
2"	5"	13"	12	89028

Other types available include:

1. End tuft tied with horsehair fill.
2. Tapered Spout Style
3. Extra Heavy fill.



Copper Tube Fitting Brushes—Refrigeration

Outside diameter for refrigeration tubing. Double Spiral Stainless Steel wire.

OUTSIDE DIAMETER	PRODUCT NUMBER	OUTSIDE DIAMETER	PRODUCT NUMBER
1/4"	89034	1"	89046
3/8"	89036	1 3/8"	89048
1/2"	89038	1 1/2"	89050
5/8"	89040	1 5/8"	89052
3/4"	89042	2 1/8"	89054
7/8"	89044	2 1/2"	89056

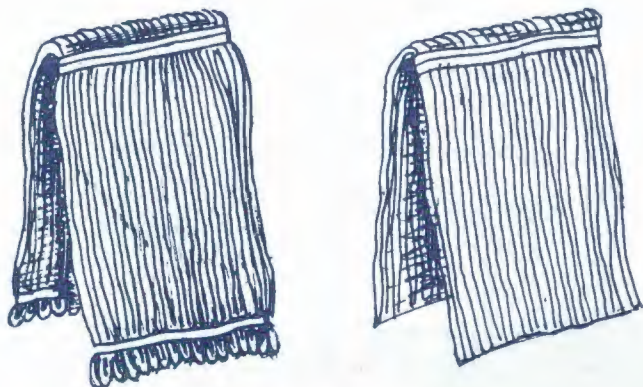
Other types of plumbing, heating, and refrigeration brushes are available upon request.



Copper Tube Fitting Brushes—Plumbing

Outside diameter for plumbing fittings.

PIPE	BRUSH DIAMETER	PRODUCT NUMBER	PIPE	PRODUCT DIAMETER	PRODUCT NUMBER
1/8"	1/4"	89058	7/8"	1"	89070
1/4"	3/8"	89060	1"	1 1/8"	89072
3/8"	1/2"	89062	1 1/4"	1 3/8"	89074
1/2"	5/8"	89064	1 1/2"	1 5/8"	89076
5/8"	3/4"	89066	2"	1 7/8"	89078
3/4"	7/8"	89068			

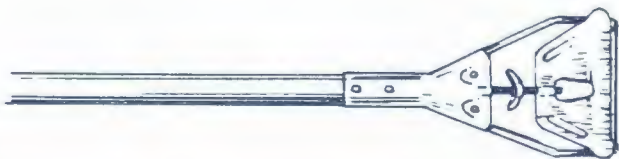


Standard Style

100% Cotton mopheads. Regular Band.

SIZE	PRODUCT NUMBER
10 OZ	89200
12 OZ	89202
16 OZ	89204
20 OZ	89206
24 OZ	89208
32 OZ	89210

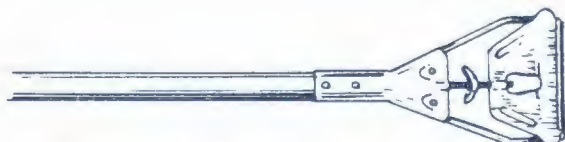
Standard Style mopheads are available in 100% rayon—also, Wide Band, Cut End, Fantail and Looped End



Heavy Duty Janitor with Wing Nut

7 1/4" wide 61" overall, 1 1/8" solid wood handle.

CASE PACK	PRODUCT NUMBER
6	89300



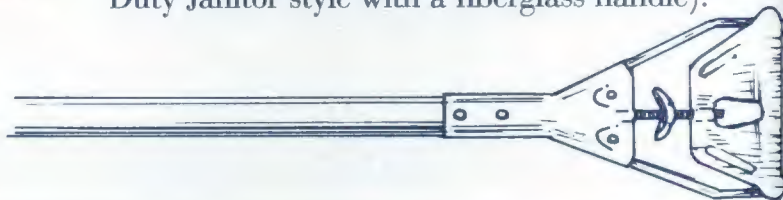
Medium Duty Janitor Yoke

"Jr. Yoke" 6" wide 55" overall, 1 5/16" solid wood handle.

CASE PACK	PRODUCT NUMBER
6	89305



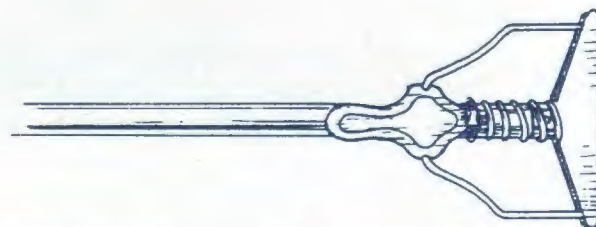
Fiberglass handles available on all mopsticks. Simply designate "FH" after the product number (e.g. 89300-FH = Heavy Duty Janitor style with a fiberglass handle).



Heavy Duty Janitor Quick Change

With wing nut. 7 1/4" wide 61" overall, 1 1/8" solid wood handle.

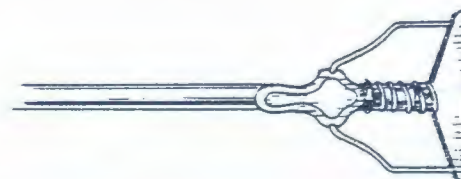
CASE PACK	PRODUCT NUMBER
6	89310



Janitor Spring & Lever Heavy Duty

60" overall, 1 1/8" solid wood handle.

CASE PACK	PRODUCT NUMBER
6	89315



Medium Duty Spring & Lever

"Junior Spring" 55" overall, 1 5/16" solid wood handle.

CASE PACK	PRODUCT NUMBER
6	89320



Clamp-Jaws Janitor with Wing Nuts

59" overall with 1 1/8" solid wood handle.

CASE PACK	PRODUCT NUMBER
6	89330

Standard Brush Strips

MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.



Strips have many uses. Static elimination, formed shapes, curtain walls, shields and applicators.

Nylon Fill

.012 Gauge fill material. Other sizes available upon request.

TRIM SIZE	PRODUCT NUMBER
1 1/2"	89400
2"	89402
2 1/2"	89404

Polypropylene Fill

.010 Gauge fill material. Other sizes available upon request.

TRIM SIZE	PRODUCT NUMBER
1 1/2"	89408
2"	89418
2 1/2"	89412

Other configurations and styles are available. Inquiries cheerfully accepted.

Tampico Fill

TRIM SIZE	PRODUCT NUMBER
1 1/2"	89416
2"	89418
2 1/2"	89420

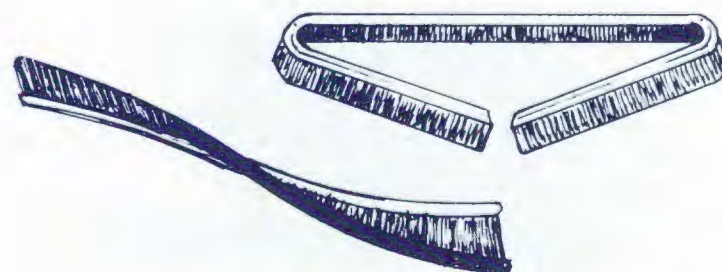
Horsehair Fill

TRIM SIZE	PRODUCT NUMBER
1 1/2"	89424
2"	89426
2 1/2"	89428

Crimped Wire Fill

.014 Gauge fill material. Other sizes available upon request.

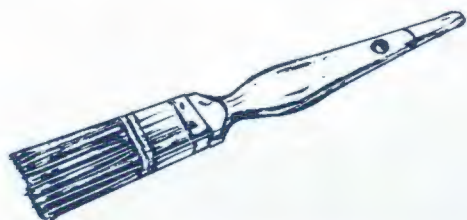
TRIM SIZE	PRODUCT NUMBER
1 1/2"	89432
2"	89434
2 1/2"	89436



Brush Strips are standard 72" and are manufactured in minimum orders of 2 pieces each.

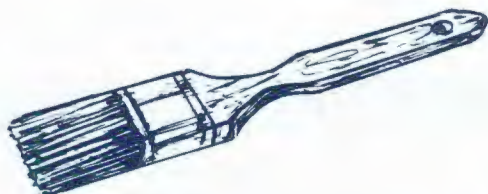
MIBCO professional style handcrafted paint brushes. Finest quality Black China Bristle.

All MIBCO professional style handcrafted paint brushes have the finest seasoned Hardwood Handles.



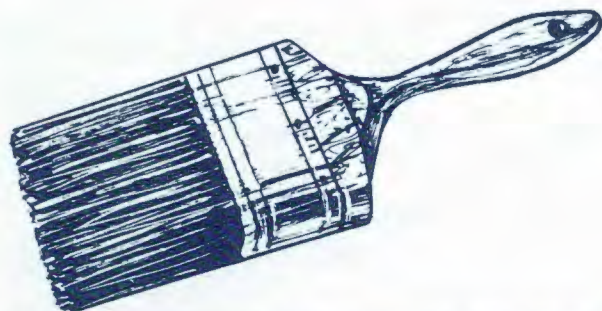
Triple Thick Varnish Brush

SIZE	CASE PACK	PRODUCT NUMBER
1 1/2" x 11/16" x 2 3/4"	12	90000
2" x 3/4" x 3"	12	90001
2 1/2" x 13/16" x 3 1/4"	12	90002



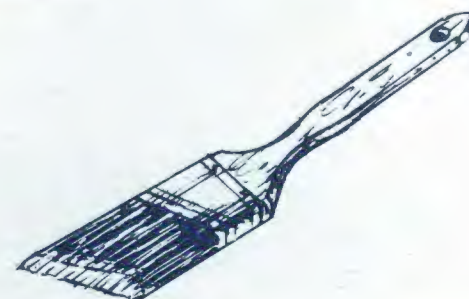
Flat Sash

SIZE	CASE PACK	PRODUCT NUMBER
1 1/2" x 1/2" x 2 3/4"	12	90003
2" x 9/16" x 3"	12	90004
2 1/2" x 5/8" x 3 1/4"	12	90005
3" x 11/16" x 3 1/2"	12	90006



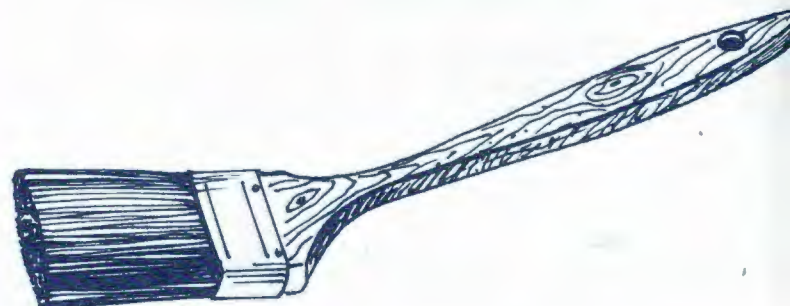
Wall Brush

SIZE	CASE PACK	PRODUCT NUMBER
3" x 1" x 3 1/2"	12	90011
3 1/2" x 1" x 3 3/4"	12	90012
4" x 1" x 4"	12	90013



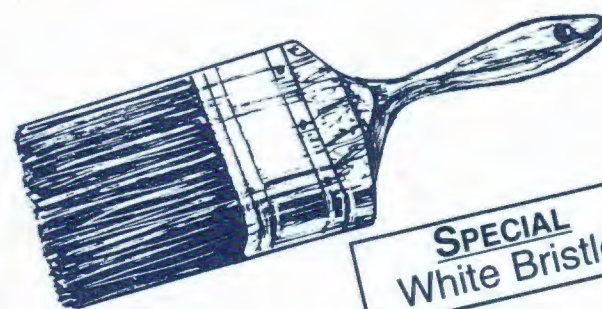
Angular Sash

SIZE	CASE PACK	PRODUCT NUMBER
1 1/2" x 1/2" x 2 1/2"	12	90007
2" x 9/16" x 2 3/4"	12	90008
2 1/2" x 5/8" x 3"	12	90009
3" x 11/16" x 3 1/4"	12	90010



Bent Handle Radiator

SIZE	CASE PACK	PRODUCT NUMBER
2" x 9/16" x 3"	24	90096
2 1/2" x 5/8" x 3 1/4"	12	90097
3" x 11/16" x 3 1/2"	12	90098



**SPECIAL
White Bristle**

SR Stain Brush

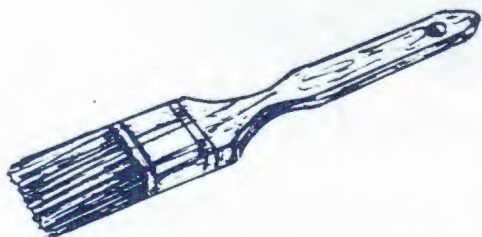
SIZE	CASE PACK	PRODUCT NUMBER
3" x 3/4" x 3 1/4"	6	90099

Paint Brushes

MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.

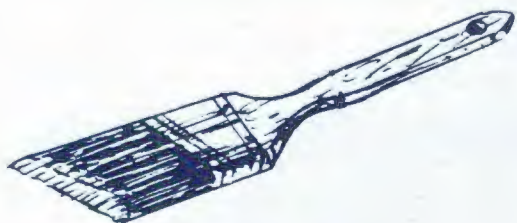
All MIBCO professional style handcrafted paint brushes have the finest seasoned Hardwood Handles.

MIBCO professional style handcrafted paint brushes. Premium quality Polyester-Nylon blend.



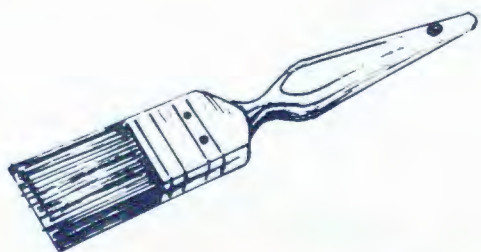
Flat Sash

SIZE	CASE PACK	PRODUCT NUMBER
2" x 9/16" x 2 3/4"	12	90020
2 1/2" x 5/8" x 3"	12	90021
3" x 1 1/16" x 3 1/4"	12	90022



Angular Sash

SIZE	CASE PACK	PRODUCT NUMBER
2" x 9/16" x 2 3/4"	12	90026
2 1/2" x 5/8" x 3"	12	90027
3" x 1 1/16" x 3 1/4"	12	90028

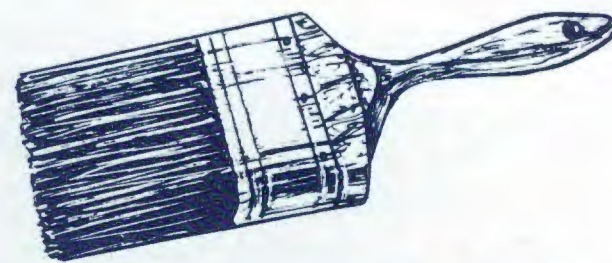


Triple Thick Varnish Brush

MIBCO professional style handcrafted paint brushes. Highest quality Black Nylon.

SIZE	CASE PACK	PRODUCT NUMBER
1 1/2" x 1 1/16" x 2 3/4"	12	90030
2" x 3/4" x 3"	12	90031
2 1/2" x 1 3/16" x 3 1/4"	12	90032

Value Packed Better Quality Specials for Painters

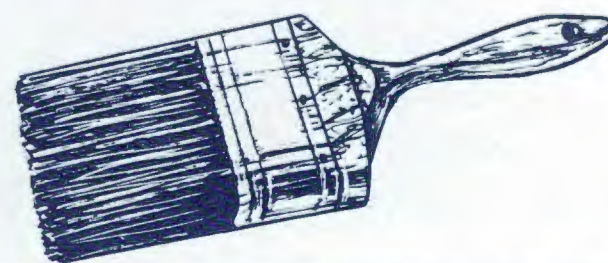


Medium Grade Pure Grey Bristle

SIZE	CASE PACK	PRODUCT NUMBER
2" x 9/16" x 2 1/2"	12	90402
3" x 1 1/16" x 2 3/4"	12	90403
4" x 7/8" x 3"	12	90404

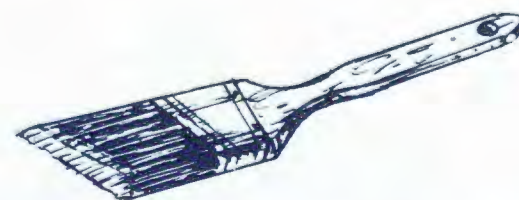


SIZE	CASE PACK	PRODUCT NUMBER
1 3/4" x 7/16" x 2 1/8"	12	90400



Medium Grade Golden Polyester

SIZE	CASE PACK	PRODUCT NUMBER
2" x 9/16" x 2 1/2"	12	90502
3" x 1 1/16" x 2 3/4"	12	90503
4" x 1 3/16" x 3 1/2"	12	90504



SIZE	CASE PACK	PRODUCT NUMBER
1 1/2" x 7/16" x 2 1/2"	12	90500

Utility Paint Brushes

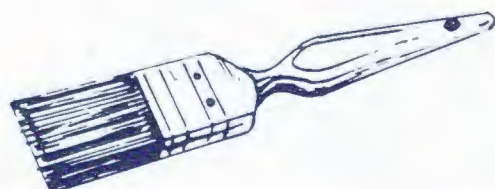
Many other sizes and quality ranges are available. If you have a request for a specific brush you want, please don't hesitate to tell us and we will accommodate your request.

NEW! More Competitive Prices



White Bristle Chip Brushes

SIZE	CASE PACK	PRODUCT NUMBER
1/2"	60	90040
1"	60	90041
1 1/2"	36	90042
2"	24	90043
2 1/2"	12	90044
3"	12	90045
4"	12	90046



Medium Grade Black Bristle Brushes

SIZE	CASE PACK	PRODUCT NUMBER
1" x 3/8" x 2"	12	90300
1 1/2" x 7/16" x 2"	12	90301
2" x 1/2" x 2 1/4"	12	90302
2 1/2" x 1/2" x 2 1/4"	12	90303
3" x 1/2" x 2 1/2"	12	90304
4" x 11/16" x 2 1/2"	12	90305



Medium Grade Black Polyester Brushes

SIZE	CASE PACK	PRODUCT NUMBER
1" x 3/8" x 2 5/16"	12	90200
1 1/2" x 7/16" x 2 3/8"	12	90201
2" x 7/16" x 2 5/8"	12	90202
2 1/2" x 5/8" x 2 13/16"	12	90203
3" x 11/16" x 3"	12	90204
4" x 3/4" x 3 1/2"	12	90205

Round Sash Brushes

Oval Sash Brushes are available upon request.



Grey China Pure Bristle

SIZE	DIAMETER/TRIM	CASE PACK	PRODUCT NUMBER
2	1/2" x 1 3/4"	36	90060
4	1 1/16" x 2"	24	90062
6	1 3/16" x 2"	12	90064
8	1 5/16" x 2 1/4"	12	90066
10	1 1/16" x 2 1/4"	12	90068

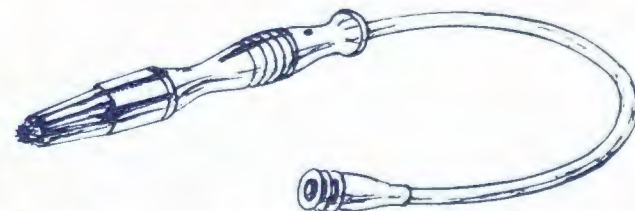


Mixed 100% Tampico Fiber

SIZE	DIAMETER/TRIM	CASE PACK	PRODUCT NUMBER
6	1 3/16" x 2"	12	90072
8	1 5/16" x 2 1/4"	12	90074
10	1 1/16" x 2 1/4"	12	90076

100% Black Nylon Bristle

SIZE	DIAMETER/TRIM	CASE PACK	PRODUCT NUMBER
2	1/2" x 2"	36	90080
4	1 1/16" x 2"	24	90081
6	1 3/16" x 2"	12	90082
8	1 5/16" x 2 1/4"	12	90083
10	1 1/16" x 2 1/4"	12	90084



Flow Through Parts Cleaning Brushes

DESCRIPTION	CASE PACK	PRODUCT NUMBER
MULTIJET	24	91204
ORIFLO	24	91205

Specialty Brushes

MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.

Printers-Graphic Arts Brushes

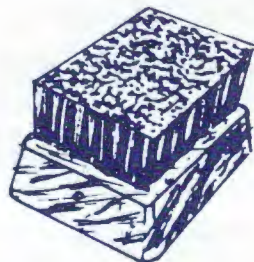
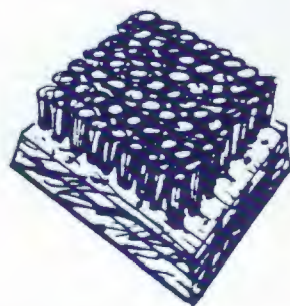


Plate or Halftone

Staple set construction utilizing Hardwood Blocks for long life. All edges sanded, rounded, and made smooth for comfortable, easy gripping action.

DESCRIPTION	BLOCK	TRIM	CASE PACK	PRODUCT NUMBER
100% Brass Wire	2 1/2" x 4 1/2"	3/4"	72	90201
100% Horsehair	2 1/2" x 4 1/2"	3/4"	72	90203
100% Stainless Steel	2 1/2" x 4 1/2"	3/4"	72	90205



Large Plate or Halftone

Extra heavily filled brush. Staple set construction for long life. Comfortable hand grooves for easy, secure gripping action. Laminated, water resistant Hardwood Block with Lacquer finish.

DESCRIPTION	BLOCK	TRIM	CASE PACK	PRODUCT NUMBER
100% Brass Wire	2 5/8" x 6 1/2"	3/4"	60	90209
Brass Wire Center, Horsehair border	2 5/8" x 6 1/2"	3/4"	60	90211

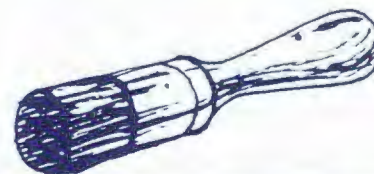
Many other styles of printers brushes are available. Just ask us if you don't see what you want listed.



Cotton Potash Swab

For cleaning of dies and general maintenance.

WIDTH	BRUSH PART	TRIM	BLOCK	CASE PACK	PRODUCT NUMBER
4 rows	6"	2 1/4"	13 x 1 1/8"	48	90230



Stencil Brushes

SIZE	DIAMETER	TRIM	CASE PACK	PRODUCT NUMBER
4	7/16"	1 1/4"	24	90090
8	1 1/16"	1 1/2"	12	90092
10	1 3/16"	1 3/4"	12	90093
14	1 5/16"	1 3/4"	12	90095



Tin Handle Acid Brush

100% Pure Horsehair Fill.

SIZE	WIDTH	CASE PACK	PRODUCT NUMBER
1	3/8" x 3/4"	144	90100
2	1/2" x 1 3/16"	144	90101
3	5/16" x 7/8"	144	90102



Sword Strippers

Made from the finest selected Squirrel Hair bound to wood handles. Designed and used by professional strippers.

SIZE	WIDTH	CASE PACK	PRODUCT NUMBER
00	2"	6	90159
0	2"	6	90160
1	2"	6	90161
2	2"	6	90162
3	2"	6	90163
4	2"	6	90164
5	2"	6	90165

Artist Brushes can be made to other specifications if your requirements demand. Please ask our representatives for details and let us offer our services for your brush needs.



Finest Selected Red Sable Artist Hair

Hand set into seamless ferrules. Long Hardwood Varnished Handle. Best quality artist round made.

SIZE	HAIR LENGTH/TRIM	CASE PACK	PRODUCT NUMBER
2	9/16"	12	90110
3	19/32"	12	90112
4	11/16"	12	90114
5	13/16"	12	90116
6	7/8"	12	90118



Ox Hair Sign Writer

Finest grade brown Ox Hair hand set into seamed ferrules and nailed into Hardwood Handles for sign painters and touch up use.

SIZE	HAIR LENGTH/TRIM	CASE PACK	PRODUCT NUMBER
1/4	3/4"	12	90120
1/2	1"	12	90121
3/4	1 1/8"	12	90122
1	1 1/4"	12	90123
1 1/2	1 1/2"	12	90124
2	1 3/4"	12	90125



Utility Artist Brush

100% Pure Black China Bristle. Hand set into a seamless ferrule and attached to a quality Hardwood Handle.

SIZE	TRIM	CASE PACK	PRODUCT NUMBER
1/4"	7/8"	12	90130
1/2"	1 1/8"	12	90132
3/4"	1 1/2"	12	90134



Black Bristle Marking Brushes

Pure Black China Bristle set into seamless ferrules attached to long wood handles.

SIZE	HAIR LENGTH/TRIM	CASE PACK	PRODUCT NUMBER
1	5/8"	144	90141
2	3/4"	144	90142
3	7/8"	144	90143
4	1"	144	90144
5	1 1/8"	144	90145
6	1 1/4"	144	90146

* White Bristle is available in this style.



Camel Hair Lacquering Brushes

Finest grade Camel (Squirrel) hair set into seamless ferrules attached to Hardwood Handles.

SIZE	HAIR LENGTH/TRIM	CASE PACK	PRODUCT NUMBER
1/4"	9/16"	12	90150
3/8"	11/16"	12	90151
1/2"	3/4"	12	90152
5/8"	7/8"	12	90153
3/4"	1"	12	90154



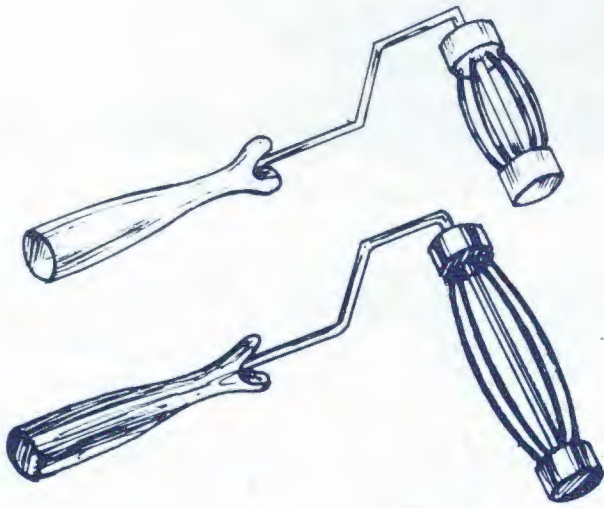
Flat Chiseled Artist Fitch

100% Pure Black China Bristle. Hand set into seamless ferrules and attached to Hardwood Handles.

SIZE	HAIR LENGTH/TRIM	CASE PACK	PRODUCT NUMBER
3/8"	1"	12	90170
1/2"	1 1/8"	12	90171
5/8"	1 3/8"	12	90172
3/4"	1 1/2"	12	90173
1"	1 5/8"	12	90174

Paint Roller Frames

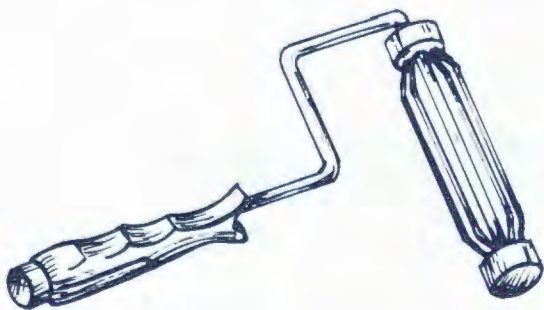
MICHIGAN
BRUSH
MANUFACTURING COMPANY, INC.



Standard 4 Wire Style Cage Paint Roller Frame

High impact plastic wood grain look handle with threaded opening in the bottom for extension handles.

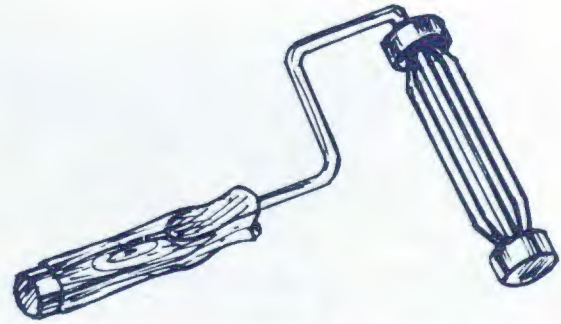
SIZE	CASE PACK	PRODUCT NUMBER
3"	12	00163
9"	12	00166



Heavy Duty Style 5 Wire $\frac{5}{16}$ " Rod Paint Roller Frame

High impact plastic wood grain look handle with threaded opening in the bottom for extension handles. Also a steel ferrule around the bottom to hold handle tighter.

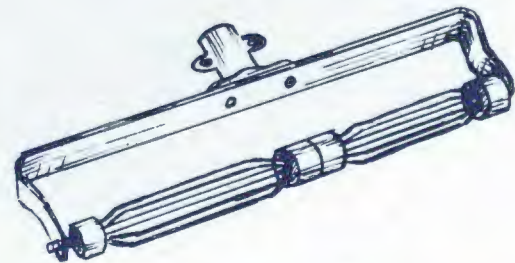
SIZE	CASE PACK	PRODUCT NUMBER
9"	12	00254
9"	12	00255



Heavy Duty Professional Style 5 Wire $\frac{5}{16}$ " Rod Paint Roller Frame

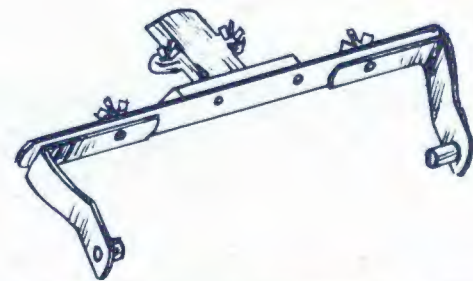
Beautiful Deluxe Hardwood Handle with steel threads and ferrule. A professional choice. Top of the line.

SIZE	CASE PACK	PRODUCT NUMBER
9"	12	00367



Heavy Duty Professional Non Adjustable Frame

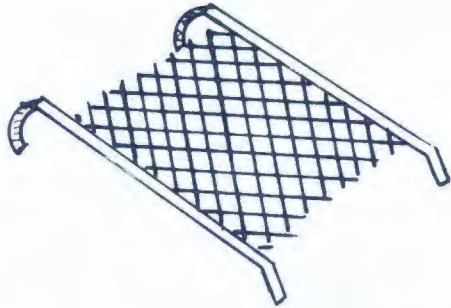
SIZE	CASE PACK	PRODUCT NUMBER
18"	6	00316



Heavy Duty Professional Adjustable Frame

SIZE	CASE PACK	PRODUCT NUMBER
14"-18"	6	00102

NEW!
Upgraded
Orange Handle



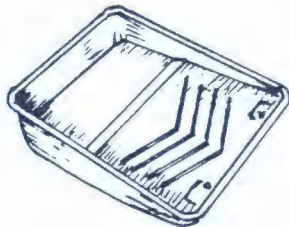
5 Gallon Bucket Grids

SIZE	CASE PACK	PRODUCT NUMBER
5 Gallon	48	00144

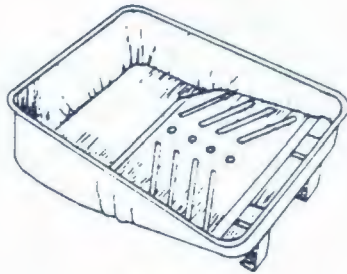
Paint Roller Trays

CONSTRUCTION	CAPACITY	CASE PACK	PRODUCT
Metal	1 1/2 QT	24	00306
Metal	2 QT	10	00308
Metal	1 Gallon	10	00310
Plastic	1 1/2 QT	24	00352
Plastic	1 Gallon	6	00356

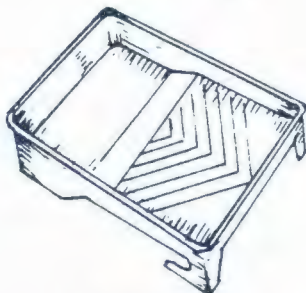
00306



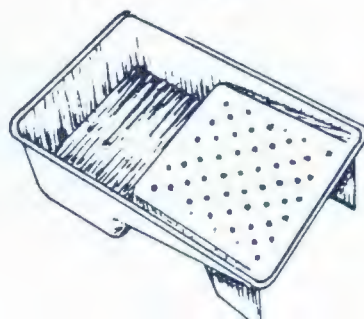
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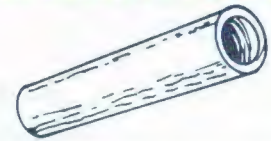
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00356



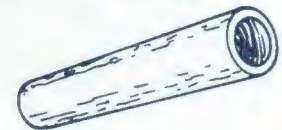
Paint Rollers



Red Mohair

Blended Mohair Short Nap Cover for the smoothest finish. Plastic or Phenolic Core.

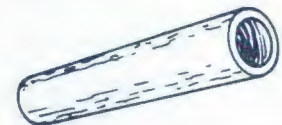
DESCRIPTION	SIZE	CASE PACK	PRODUCT NUMBER
3/16" Nap	9"	24	00284
3/16" Nap	18"	12	00286



White Mohair

Genuine Plush White Mohair. 1/4" Nap for the smoothest finish. Plastic or Phenolic Core.

DESCRIPTION	SIZE	CASE PACK	PRODUCT NUMBER
1/4" Nap	9"	24	00294
1/4" Nap	18"	12	00296



Adhesive Applicator

Special non-shedding brush-like fibers woven and spiral wrapped. For application of glues, resins and the like. Phenolic core.

DESCRIPTION	SIZE	CASE PACK	PRODUCT NUMBER
Short Nap	9"	24	00273
Short Nap	18"	24	00274



Foam

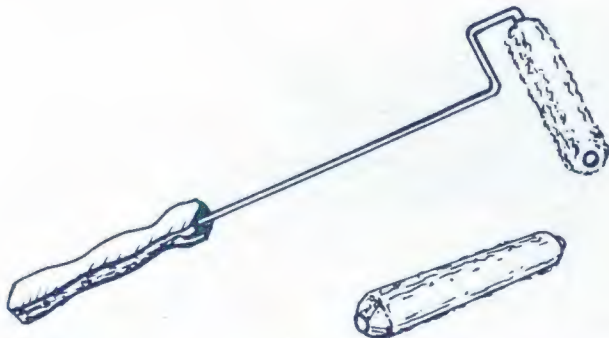
Extra short 1/8" Nap for smooth finishes. Plastic or Phenolic Core.

DESCRIPTION	SIZE	CASE PACK	PRODUCT NUMBER
1/8" Nap	9"	24	00226

Paint Roller Frames and Covers

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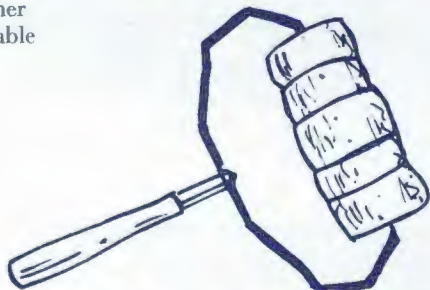


Hot Dog Rollers

Radiator Style Long Narrow Roller complete with cover.

DESCRIPTION	SIZE	CASE PACK	PRODUCT NUMBER
Medium Nap Cover	7"	6	00416
Replacement Cover	7"	6	00418

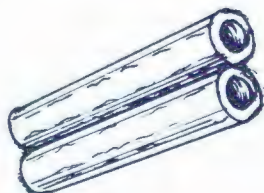
Various Other Sizes Available



Pipe Roller

Conforms to pipes and columns. Maintenance painter's essential tool.

DESCRIPTION	SIZE	CASE PACK	PRODUCT NUMBER
Replacement Covers	7"	6	00338
(Set of five) complete with end caps	7"	6	00340



Twin Pak-Disposable Rollers

Use once and toss away. Two medium nap covers for the price of one. Economical utility type rollers.

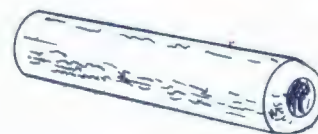
DESCRIPTION	SIZE	CASE PACK	PRODUCT NUMBER
2 Medium Nap Covers	9"	36	00482

*Also available with reusable plastic core.

Lint Free

Woven Short Tight Nap Lintless Style Cover for smooth finishes. Plastic or Phenolic Core.

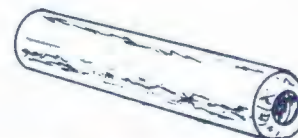
DESCRIPTION	SIZE	CASE PACK	PRODUCT NUMBER
³ / ₁₆ " Nap	9"	24	00386
³ / ₈ " Nap	9"	24	00396
¹ / ₂ " Nap	9"	24	00408



Genuine Lambskyn-100% Synthetic

The ultimate Synthetic Paint Roller Cover. All edges are beveled. Available with Plastic or Phenolic Cores. All Covers are hand inspected and hand crafted for the highest quality standards.

DESCRIPTION	SIZE	CASE PACK	PRODUCT NUMBER
¹ / ₄ " Nap Smooth Dripless Style	3"	48	00170
	9"	24	00176
	18"	12	00180
³ / ₈ " Nap Smooth-Semi Smooth General Purpose Style	3"	48	00182
	9"	24	00188
	18"	12	00192
¹ / ₂ " Nap Semi-Rough High Density Style	3"	48	00194
	9"	24	00200
	18"	12	00204
1" Nap Rough-Extra Rough Hi Pile Style	9"	12	00224
	18"	12	00230

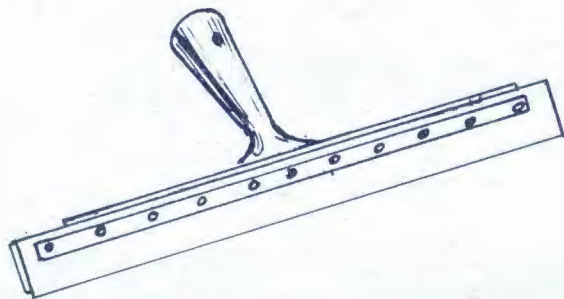


100% Natural Lambswool

The professional's tools. The Finest Quality Natural Lambskin Paint Roller made from a natural lamb pelt. Custom tanned and expertly finished for the premium painting tool. Phenolic Core.

DESCRIPTION	SIZE	CASE PACK	PRODUCT NUMBER
¹ / ₂ " Nap	9"	48	00318
1" Nap	9"	24	00326

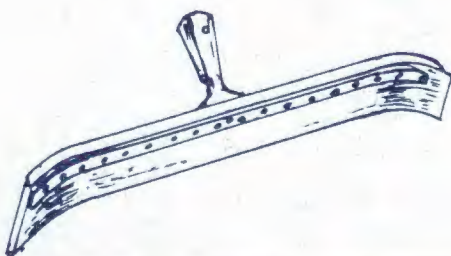
*Squeegees are packed 12 per case



FSL Series Straight-Floor Squeegees

Aluminum Rust Resistant Frame. Heavy Duty tapered steel socket. Neoprene Blend black rubber compound blade. 1/4" x 2". Great for general use. Smooth floors, garages, service stations, industrial use, straight.

SIZE	PRODUCT NUMBER
18"	89099
24"	89101
30"	89102
36"	89103

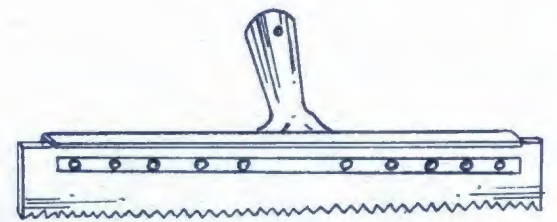


FSC Series Curved-Floor Squeegees

Curved version of above.

SIZE	PRODUCT NUMBER
18"	89104
24"	89106
30"	89107
36"	89108

To order replacements for "FSL" or "FSC" series floor squeegees, designate the part number and add "R" (e.g. 89101-R = 24" straight floor squeegee replacement rubber).

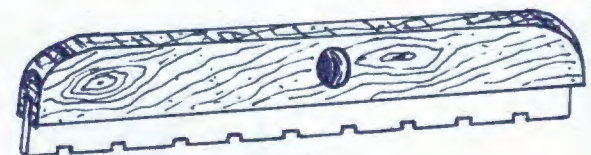


FSN Series "V" Notched Floor Squeegees

Same frame as FSL and FSC series. Here though the rubber is notched. Used for applying epoxies and other heavier products.

Available with 1/4" notches.

SIZE	PRODUCT NUMBER
16"	89122
18"	89123
24"	89124

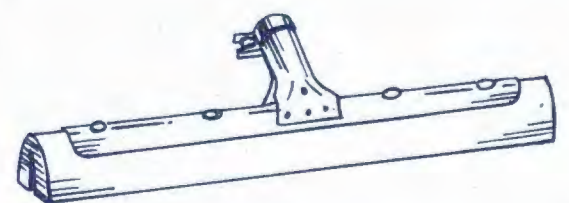


FSQ Series Square Notched Squeegees

Wood back with square notched red rubber. Used in roofing application and any other heavy spreading and applying of viscose materials.

SIZE	PRODUCT NUMBER
24"	89125

Other wood back squeegees are available.



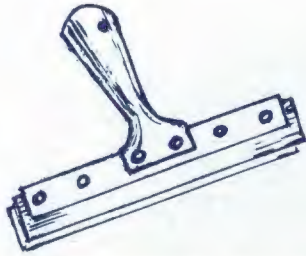
MFS Series Moss Floor Squeegee

New Moss Floor Squeegees are best when used on uneven surfaces. Great on Ceramic Tile. Almost squeegees dry like a wiper!

SIZE	PRODUCT NUMBER
18"	89126
22"	89127
30"	89128

Window Squeegees

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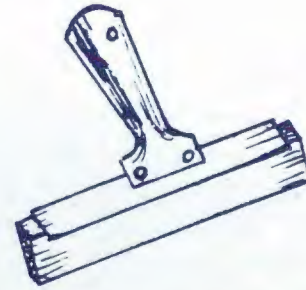


CP Series-Window Squeegees

Aluminum Frame, Plated Steel socket. Natural Red rubber service blade, black rubber back-up cushion. General window cleaning in factories, warehouses and stores.

SIZE	PRODUCT NUMBER
6"	89115
8"	89116
10"	89117
12"	89118
14"	89119
16"	89120
18"	89121

To order replacements for "CP" series window squeegees, designate the part number and add "RS" for the red service rubber or "BC" for the black cushion (e.g. 89155-BC = 6" black cushion replacement; 89118-RS = 12" red service rubber replacement).



"C" Series Industrial Squeegee

Heavy Duty Aluminum Frame, Plated Steel Socket. Special Extruded Black Rubber Compound Blade. For use on wet grinding machines, tile and windows.

SIZE	PRODUCT NUMBER
6"	89137
8"	89138
10"	89139
12"	89140
14"	89141
16"	89142
18"	89143

Custom Made Brushes for Floor Machines and Sweepers

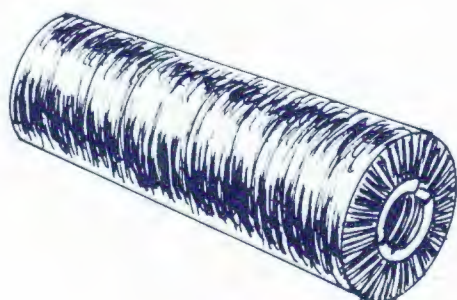
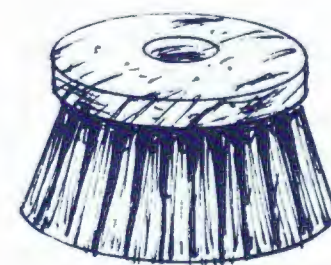
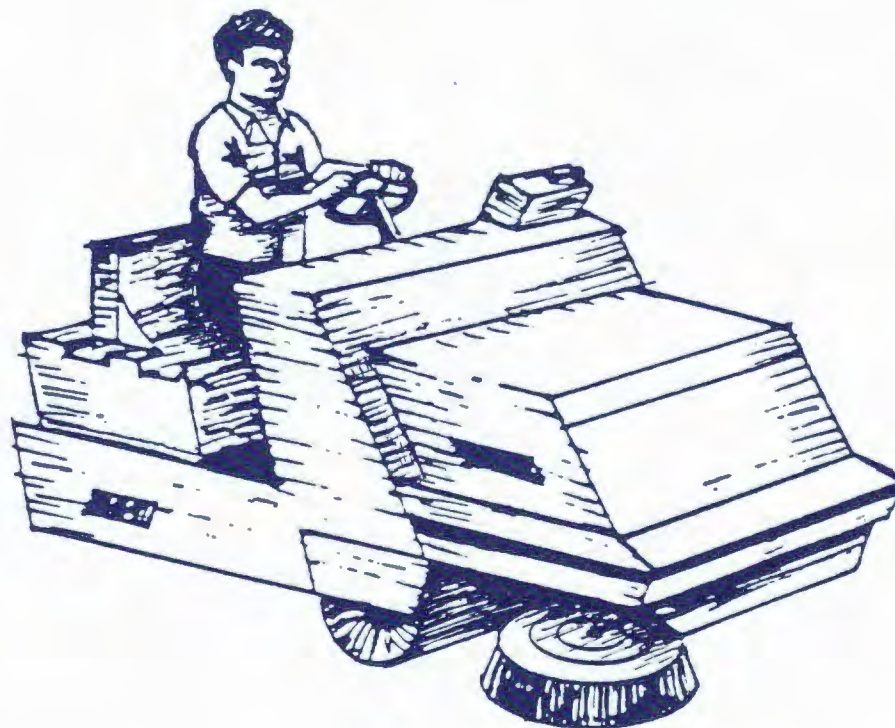
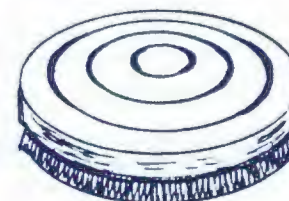
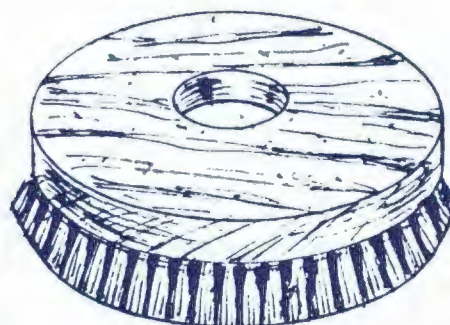
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MANUFACTURING COMPANY, INC.

Please provide us with the following information when ordering to determine your brush size:

- 1) Machine (Manufacturer's name) and model number.
- 2) Size (diameter of the block)
- 3) The center hole desired and whether you need a clutch plate is essential information.
- 4) Also the desired fill.

Virtually all makes and manufacturer's replacement styles available. Pad holder available upon request.

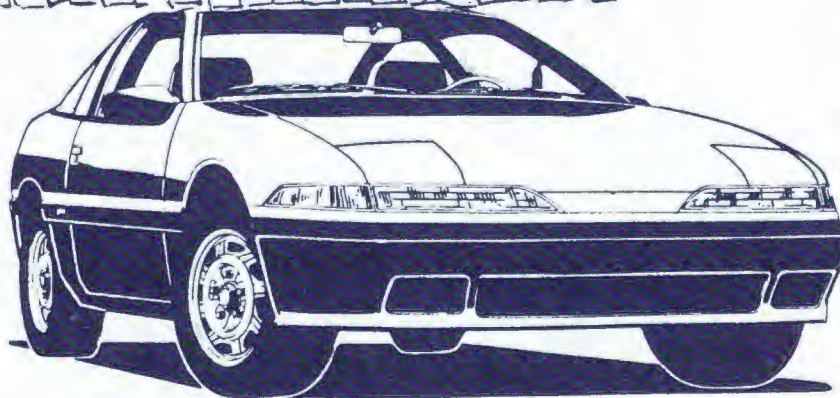
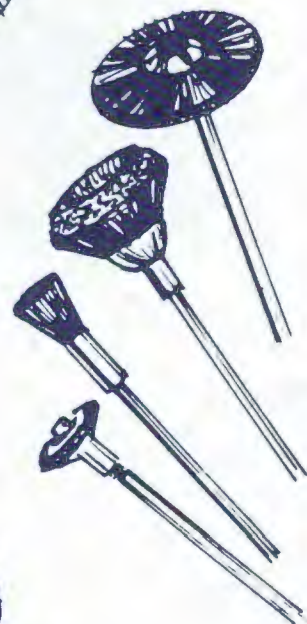
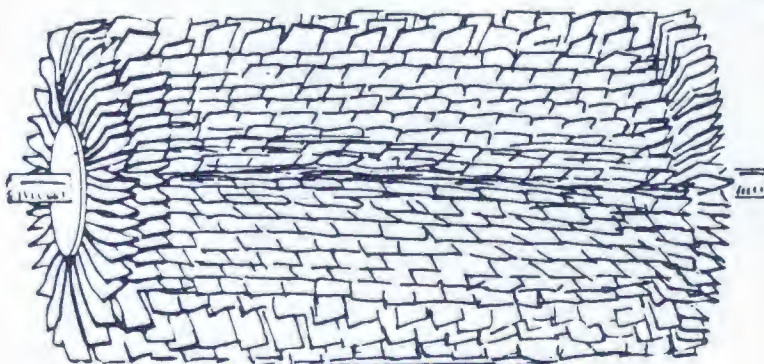
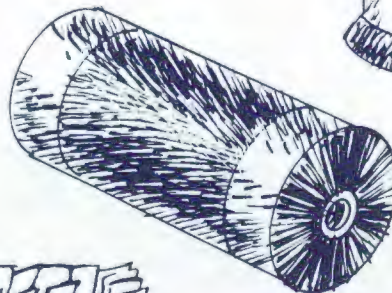
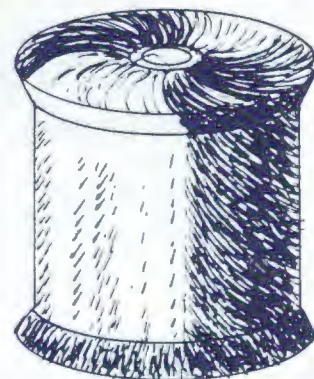
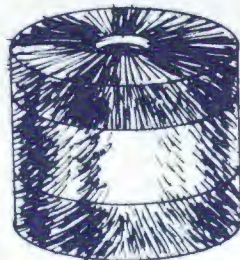
Sectional brushes also available in various fibers as well.



Don't forget we also offer in-plant power sweeper and scrubber brushes (main brooms and side brooms) for most major manufacturers. Please ask your representative for details.

We offer many custom made, one of a kind specialty brushes to our customers. We welcome your inquiries. Over the years, we have made thousands of custom made products. To expedite your inquiry, specific details of what you need are required.

We would be pleased to quote your specific requirements.



Thank you for taking the time to browse through our catalog.

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BRUSH**

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7446 CENTRAL AVE.
DETROIT, MI USA 48210-0247
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FAX (313) 834-1178
TOLL FREE 1-800-MI BRUSH
(1-800-642-7874)

Minimum Order Only \$100

SALES ORDER

ORDER NO.

SOLD TO _____

SHIP TO _____

ADDRESS _____

ADDRESS _____

CITY _____

CITY _____

YOUR ORDER NO.	FOR	DATE REQUIRED	TERMS	HOW SHIP	F.O.B.	DATE
----------------	-----	---------------	-------	----------	--------	------

QUANTITY ORDERED	ITEMS LISTED BELOW	PRICE	UNIT
1			
2			
3			
4			
5			
6			
7			
8			
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10			
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12			
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14			
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22			

WE WILL SEND YOUR INVOICE WITH ORIGINAL BILL OF LADING



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CREDIT APPLICATION

Company Name _____
 Address _____ State _____ Zip _____
 Phone _____ Fax _____
 Contact Name _____
 Sales Tax ID# _____
 Bank _____ Phone _____
 Length of time doing business _____

#1 Name _____
 Phone _____ Fax _____
 Length of time doing business _____
Status of Account _____
 Terms _____
 Recent High Credit _____

#2 Name _____
 Phone _____ Fax _____
 Length of time doing business _____
Status of Account _____
 Terms _____
 Recent High Credit _____

#3 Name _____
 Phone _____ Fax _____
 Length of time doing business _____
Status of Account _____
 Terms _____
 Recent High Credit _____

NOTE: You must include Fax numbers. We request credit information strictly by mail or Fax. Credit will be approved or disapproved in 7 - 10 business days maximum.

Approved _____ Limit _____
 Disapproved _____ Reason _____

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