

Quality Mopping Products Since 1959!





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Antimicrobial Mop

Germ Resistant Profits Antimicrobial Looped End Wet Mops

All mops start off clean, *Ha-Ste MlcroKleen* fights to stay that way. *Ha-Ste Extra* built in protection inhibits the growth of a wide spectrum of bacteria, fungi, mold and mildew, which promotes a healthier working environment.

"Self Deodorizing" properties preserve the hygienic freshness and extend the mopping tool's useful service life. Ha-Ste MicroKleen resists microorganisms 24 hours a day...everyday.

Uses:

Recommended anywhere wet mops are used, especially when contamination is an issue:

- · Healthcare Facilities.
- Retirement Homes.
- Food Service.
- Industrial Laundries.

Features:

- Ha-Ste MicroKleen Protection is built in during yarn production, not washed in like many others.
- Ha-Ste MicroKleen Protection is guarantied by Independent Laboratory Certification.
- Ha-Ste MicroKleen Protection is safe, nonhazardous and EPA registered.

Heartland

• Ha-Ste MicroKleen Protection remains active up to 100 launderings.

Available Sizes:

An-Dis signed and est expo are sized for the size of the siz

Standard Configuration:

Blue, Orange or Green custom 4 Ply synthetic blend yarn with matching color Wide Mesh Head Band and vibrant, specially marked Fan Band.

Options:

 Shrinkless. Strongly recommended for all environments requiring intensive mop laundering.

Individually polybagged in cartons of 12.

Custom Labeling

Available to Factory

Direct Distributors.

 Double Fan Band. Slightly increases yarn spread, maximizing floor coverage.

Economy Options:

 Blue, Orange or Green custom 4 Ply synthetic blend yarn with matching color Narrow Head Band and vibrant, specially marked Fan Band.



Supreme Mops

Supreme Looped™ End Wet Mops

For Cost Efficient, Job Effective Value, there is no better mop on the market. Sets the standard for Looped End Performance and Durability.

Individually

polybagged in

cartons of 12.

Available to Factory Direct Distributors.

Uses:

- Hospitals
- · Healthcare Facilities
- Computer Rooms
- Laboratories
- Electronic Manufacturing/Assembly
- Graphic Arts
- Other high sanitation, low lint environments.

Features:

- Highest quality, industrial strength, Custom 4 Ply Synthetic Blend.
- Precision Ha-Ste Extra[™] Looped End Construction. Virtually eliminates fraying, untwisting and excessive linting. Saves up to 50% on time and labor costs.

 Heavy Duty Multiple Stitched Fan Band prevents tangles, extends mop life, improves performance and launderability.

Available Sitres: He-the tripped and well maps are writing to the strength and well maps are writing to the constitution for writing the site constitution from the site and popular specification of the time of the site and second time the site and site a

Standard Configuration:

White yarn with wide mesh Head Band and white Fan Band, or Blue, Green, Orange or Red yarn with matching wide mesh Head Band and Fan Band

Options:

- Yarn Color Choices: White, Blue, Green, Orange or Red.
- Shrinkless. Strongly recommended for all environments requiring intensive mop laundering.
- White yarn with narrow Head Band and white Fan Band, or Blue, Green, Orange or Red yarn with matching narrow Head Band and Fan Band.
- Double Fan Band. Slightly increases yarn spread, maximizing floor coverage.











Select Loops

Select Looped™ End Wet Mop

Sets the standard for price-wise performance, durability, and launderability. Lasts 6x longer than cut-end wet mops!

Uses:

- Building Service Contractors
- Healthcare Facilities
- Commercial Laundries
- Food Service

Features:

- Highest quality, fast-absorbing 4-ply all-synthetic blend. No break-in needed!
- Precision Ha-Ste Extra™ Looped End construction virtually eliminates fraying, untwisting and excessive linting. Saves up to 50% on time and labor costs.
- Heavy Duty Multiple Stitched Fan Band prevents tangles, extends mop life, and improves performance and launderability.

The KruserLoop™ wet mop has the same great construction features as the ValuLoop™, but it's made with a natural color, Cotton-synthetic blend yarn.

Available Sizes:

He-Ste looped and wet mops are steed for both the user and the winger, taking into consideration more than just the year weight. We take into account both the pickup capability of the fiber and the performance characteristics.



KruserLoopt

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Valu LoopTM

Individually polybagged

in cartons of 12.

Custom Labeling

Available to Factory

Direct Distributors.

Cut End Performance Equivalent 8-12 oz | 16-20 oz | 24-28 oz | 324

Standard Configuration:

Narrow or wide mesh head bands. Color yarns have matching fan bands and head bands. White and Natural yarns have white fan band and size-coded head band color: S-Red, M-Green, L-White, XL-Blue.

Options:

6

- Choice of synthetic blend yarn colors: Blue, Green, Yellow or White. Cotton-synthetic blend yarn in natural color only.
- · Choice of head band color: Blue, Green, Orange, Red, Yellow or White.
- Shrinkless. Strongly recommended for all environments requiring intensive mop laundering.
- Double Fan Band. Slightly increases yarn spread, maximizing floor coverage.



Specialty Loops

Specialty Looped End Wet Mops

Ha-Ste General Loop is the perfect upgrade from traditional cut-end wet mops. Our most economical looped end wet mops deliver labor saving performance and extended mop life without the expense of laundering. Looped End Construction, with three industry standard yarns, provides long-term durability, absorption, and retention.

Features (Commercial Laundering is not recommended)

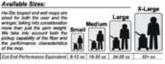
- General Loop Synthetic™:
 - Fast absorbing, mildew resistant, color synthetic blend yarn requires no break in period–ready to use right out of the box! Keeps attractive appearance even after repeated use. Recommended for general cleaning such as schools, hotels, supermarkets, and food service. Available in Blue, Green, Yellow or White
- General Loop Rayon™:

Clean, white, 4 Ply rayon blend yarn with quick absorption and release qualities, makes the ideal low cost applicator for finish, sealers or disinfectants.

General Loop Cotton™:

Toughness, good absorption and impressive retention are maintained with industrial grade 4 Ply cotton blend yarn. Recommended for floor stripping and other "down-and-dirty" jobs.







Standard Configuration:

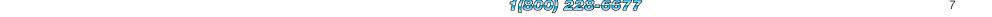
- Wide mesh head band with yarn matching fan band.
- Color Head Bands Designate Mop Size for GL Rayon, Cotton, and White: S-Red, M-Green, L-White, XL-Blue. Color Yarns have matching head bands.

Economy Option:

Narrow head band in size designated color for white/natural yarn, matching for color yarn.

Individually polybagged in cartons of 12.

Custom Labeling Available to Factory Direct Distributors.





Rough Floor Mops

RuFFloor™ Looped End Wet Mops

The working wet mop for any rough floor surface. RuFFloor™'s tough knitted strands hold up to concrete, textured and anti-slip floors, where traditional wet mops lint and shred.

Ha-Ste RuFFloor™ Looped End Construction, with tightly knitted cotton synthetic material, virtually eliminates excessive lint and fraying. High performance makes RuFFloor™ ideal for electronic areas, computer rooms and food service kitchens.

Available Sizes:

Ha-Site looped and wet maps an actor for both the user and the wringer, taking into consideratio more than just the years weight life take into account both the pickup capability of the fiber an the performance characteristic of the map.



Standard Configuration:

White Narrow or Wide Mesh Headbands with White Fan Bands. Knitted strand material available in natural only.

Options:

Head Band Colors in choice of Blue, Green, Orange, Red, Yellow, or White.

Individually polybagged in cartons of 12.

Custom Labeling Available to Factory Direct Distributors





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Finish Mops

Final Wonder™

The Original Flat Finish Mop Tested and Perfected by Floor Care Professionals

Unsurpassed performance improves operator productivity by 50% vs. traditional finish mops. *Ha-Ste Final Wonder™* controlled-even-coating means *thinner coats, faster drying time* and *less wasted finish* with *reduced operator fatigue. Ha-Ste Final Wonder™* is so simple to use, it may reduce employee training costs. Inexperienced operators leave a smooth floor, no unsightly bubbles. Requires no mop bucket or special finish system*. *Fits any standard 5" wide dust mop frame.*

* Ha-Ste Final Wonder™, The Perfect Flat Finish Refill* for Finish Systems.

Features:

- White no-lint monofilament yarn of incredible endurance glides smoothly, evenly and releases completely.
- Precision Ha-Ste Extra™ Looped End Construction virtually eliminates fraying and untwisting while extending mop life.
- Keyhole Round End Style Backing (Synthetic) is designed intentionally to fit hardware snugly, prevents mop roll-over.
- Laundry Not Required. Just rinse clean in cool water and drip dry. Clean-up in less than 2 minutes.

 Available in 5" Width, Choice of 12", 18", 24", 30" or 36" Length. Individually polybagged in cartons of 12.

Custom Labeling Available to Factory Direct Distributors







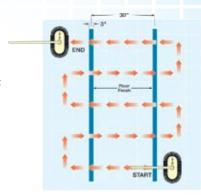
Final Wonder™ Suggestions from Floor Care Professionals

For Large Finish Jobs:

Two operators are recommended for fast, effective application. The first operator applies finish using a pump-up hand or back pack sprayer (3 gallon) equipped with a curved end wand and stainless steel jet nozzle (#0004TEE). Recommended motion is to point the wand perpendicular to the floor and apply finish straight down in approximately 3" wide lines, working closely with the first operator. Second operator uses the *Final Wonder™* mop in a "Block Type" motion discribed below. CAUTION: Since this method is highly efficient, it is recommended that operators allow adequate drying time between multiple coats.

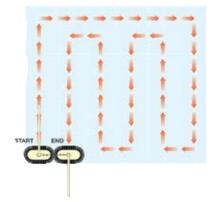
Block Type Motion Pattern:

Two lines of finish approximately 3" wide and 30" apart are sprayed on the floor. The operator using the *Final Wonder™* mop walks backwards perpendicular to the two finish lines using a "Block Type" motion, not a figure eight motion as used with a dust mop. To insure even coverage, overlap the edge of the *Final Wonder™* mop where finish has already been applied.



Finish System / Kit Pattern:

This pattern is similar to agriculture crop harvesting where one row is done at a time. Outline or "edge" the floor on 3 sides. Once this is accomplished, work the *Final Wonder™* mop from one side of the floor to the other. To insure even coverage, overlap the edge of the *Final Wonder™* mop where finish has already been applied.





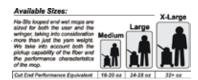
Finish Mops

EzGlide™ Looped End Wet Mops

The best weapon available to combat the problem costs of floor finishing: Lint, Operator Fatigue and Wasted Finish. *EzGlide's* unique combination of *lint free yarn*, reduced mop drag and controlled-even-coating means *more floor shine for less dollars vs. conventional rayon finish mops.*

Features:

- White no-lint monofilament yarn of incredible endurance glides smoothly, evenly and releases completely. Perfect for laying finish!
- Ha-Ste Extra[™] Factory Reversed, heavy duty multiple-stitched fan band (white) minimizes floor streaking...time after time.
- Precision Ha-Ste Extra[™] Looped End Construction virtually eliminates fraying and untwisting while extending mop life.
- Laundry Not Required. Just rinse clean in cool water and drip dry.





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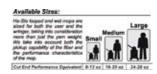
Attachment Options (available in white only):

- Narrow Headband Style for stirrup type handles.
- · Wide Mesh Headbands, compatible with jaw or clamp-on type handles

Zebra[™] Looped End Wet Mop

The Ultimate Final Touch for all high gloss floors. Ha-Ste Extra™ unique construction combines quick release 4 Ply White Rayon with one strand Candy Striped Premium Blue in a Looped End style mop that can not be matched for performance and durability.

- Ha-Ste Extra™ Factory Reversed, heavy duty multiple-stitched fan band minimizes floor streaking...time after time.
- Narrow Headband Style for stirrup type handles.
 Wide Mesh Headbands, compatible with jaw or
- Wide Mesh Headbands, compatible with jaw or clamp-on type handles.









ProLine Mop Master™ Mops

ProLine Mop Master™ Closed End Wet Mops

High Performance, Long Lasting, Cost Effective mops for the Professional User. The step-up mop that almost makes the Cut End style obsolete.

Features:

- Revolutionary Ha-Ste Extra™ Mop Master Closed End Construction with Special 4 Ply Cotton Yarn. Combines the durability of looped end mops with the economy of traditional cut ends.
- Lasts three to five times longer than cut end mops.

Higher Performance from smaller mops guarantees savings.

Uses:

The Pro's Choice for maintenance for:

- · Commercial Buildings.
- · Schools.
- · Hotels.
- Food Services.
- Airports.
- · Factories.
- · and other high traffic establishments.

Standard Configuration (Cobra):

Cotton Yarn with Narrow Head Band in choice of colors: Red, Orange, Yellow, Green, Blue or White.

Option (Boa):

- Special 4 Ply Synthetic Blend Yarn in lieu of Cotton.
- Recommended for Grocery Stores and Commercial Buildings.

Recommended Options for better performance:

- · Wide Mesh Head Band in choice of colors: Red. Orange, Yellow, Green, Blue or White.
- · Color Coded Fan Band to match Head Band.



in cartons of 12. Custom Labelino Available to Factory **Direct Distributors**

Individually polybagged

EasyTwist™ Mops

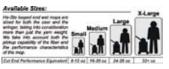
EasyTwist™ Looped End Wet Mops

Easy-to-Use Wet Mops for Inexpensive Threaded Handles. Made from Ha-Ste Supreme Loop™ Yarn and fitted with convenient twister style attachment.

Built in high-impact plastic attachment adapts to any standard threaded handle. Long lasting looped end yarn makes this the ideal wet mop for supermarkets, retail stores, schools and food service areas.

Features (Commercial Laundering w/Laundry Net is Recommended):

- · Highest quality, industrial strength, Custom 4 Ply Synthetic Blend.
- Precision Ha-Ste Extra™ Looped End Construction saves up to 50% on time and labor costs.
- Heavy Duty Multiple Stitched Fan Band extends mop life.



Standard Configuration:

White or color varn with matching EasvTwist™ attachment.

Options:

White, Blue or Green EasyTwist™ attachments in lieu of standard color.

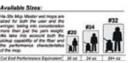
EasyTwist™ Closed End Wet Mops

Easy to use Premium Wet Mops made from Ha-Ste ProLine™ Mop Master Yarns and fitted with convenient plastic twister style mop heads.

Perfect for non-professional general cleaning anywhere. Ideal Yacht mop even if your Yacht has oars or just catches bass. Perfect also for quick pickup of pool side puddles and kitchen spills.

Ha-Ste Extra™ Closed End Construction cleans well with minimum linting and dries guickly. Built in Polypropylene Plastic head adapts to any standard threaded handle and won't rust even if it's left soaking in the mop bucket.

Mops available in natural 4 Plv Mop Master Cotton (Tornado) or 4 Ply Mop Master Synthetic Blend Yarn (Cyclone).



Option:

Fan Band colors in choice of Red, Orange, Yellow, Green, Blue

Individually polybagged in cartons of 12

Custom Labeling Available to Factory Direct





Heartland



Traditional CE Wet Mops

Traditional CE Cotton™ Cut End Wet Mops

This straightforward, inexpensive style is what most of the public pictures when they think of a "mop". It is the Grand Old Workhorse of the maintenance trade and still the most popular wet mop in the country today. The Ha-Ste Traditional CE Cotton™ is ideal for all general maintenance and spillage pickup where good absorption and retention are desired. However, nostalgia and tradition aside, the benefits of an initial low price with this older style may be offset by a few design shortcomings.

The disadvantage of cotton Cut End Mops is their tendency to fray and unravel which increases lint and loose strand depositing. With the Fan Band Option, the launderability is poor; without it, laundering should not be attempted.





Tiger^{tr}

Traditional CE Rayon™ Cut End Wet Mops

Clean, white appearance 4 Ply Professional Grade Rayon Yarn designed for Heavy Duty or Industrial Use. Fast drying, relatively low lint and mildew resistant. Quick absorption and release qualities make it ideal for liquid application such as disinfectants, finishes, etc.

Optional 8 Ply Professional Grade Rayon Yarn offers greater strength and durability than the 4 Ply Rayon but with a slightly longer break in period. Resists mildew and souring. For institutional use.

Standard Configuration:

Natural Cotton and Rayon Yarns with White Narrow Head Bands.

Options:

- Narrow or Wide Head Bands in choice of colors: Blue, Green, Orange, Red, Yellow or White.
- Color Coded Fan Band to match Head Band

Individually polybagged in cartons of 12.

Custom Labeling Available to Factory

Direct Distributors





Numbered Cut End Mobs

CE Premium™ Cut End Wet Mops

Superior Strength, Faster Absorbing and More Mildew Resistant than cotton yarn models. Ha-Ste's Premium Synthetic Blend Wet Mop is ready-to-work right out of the box. No break-in required. Perfect for all-purpose general cleaning, especially in public places. Synthetic blend yarn keeps the mop looking new throughout its life.



Ramth

Numbered Cut End Wet Mops

Designed for the economy minded customer. Low initial cost, minimum use mops slightly smaller but identical in construction to the Ha-Ste Traditional CE Styles. Sizes designated with industry accepted Size Numbering. Options available but not recommended as this is virtually a "throwaway" mop.

Sizes Available:

In industry accepted numbered size: 16, 20, 24 and 32.

Standard Configuration:

- Yarn Color Choices: Blue or White 4 Ply Synthetic Blend, White Rayon or Natural Cotton Yarns.
- Narrow Head Band Matching Yarn Color.

Options:

- Narrow or Wide Head Bands in choice of colors: Blue, Green, Orange, Red, Yellow or White.
- Color Coded Fan Band to match Head Band.

Individually polybagged in cartons of 12.

Custom Labeling Available to Factory Direct Distributors







Classic Wire Band™ Mops

Classic Wire Band™ Cut End Wet Mops

The original reusable handle style developed decades ago and still popular today. Constructed with a Steel Wire Head Band which clips to a Custom Built Lacquered Wood Handle.

Care should be taken to avoid harness rusting or scratching of smooth surfaces during use and storage. A Good All Purpose Cut End Style Mop for the economy minded industrial user.

Sizes Available:

In Traditional Ounce Sizes (True Yarn Weight). Choice of 12, 16, 20, 24, and 32.

Models:

Lynx - 4 Ply Cotton Yarn
Wildcat - 8 Ply Cotton Yarn
Elk - 8 Ply Rayon Yarn

Options:

Fan Band in choice of Red, Orange, Yellow, Green, Blue or White.

Individually polybagged in cartons of 12.

Custom Labeling Available to Factory Direct Distributors





Screw-On Mops

Screw-On Cut End Wet Mops

Designed for fast, effective changing of mopheads. Operator can change out a dirty mop in a matter of seconds...no struggling with clumsy handle connections. Built in screw-on attachment protrudes through the mop top for easy loading. Handles with standard thread counterpart are easier to use and cost less than traditional mopsticks. Choose from industry standard yarns specified below or select any other wet mop offered by Ha-Ste.

Two Styles of Heavy Duty Construction Available

- The economical, yet tough PT-Advantage™ is a clever twist on an old mop. Heavy duty, non-rusting plastic attachment and molded-in threaded bolt provides maximum strength. Non-scratching PT-Advantage™ will not mark floors, baseboards or furniture yet provides an excellent foothold for quick, clean mop changes.
- The traditional screw-on style with T-Bar Assembly (standard thread)
 made of plated steel with Narrow Head Band and Metal Retaining Ring.
 Care should be taken during use to avoid scratching of baseboards
 and floor surfaces.

Features:

- Ha-Ste Traditional CE Cotton™ (Swan and PT Cotton™):
 Tight-Twisted String 4-Ply Yarn for all general
 maintenance and spillage pickup where good
 absorption and retention are desired.
- Ha-Ste Traditional CE Rayon™ (Panda and PT Rayon™): Clean, white, 4-Ply Professional Grade Yarn delivers fast drying, relatively low lint and mildew resistance. Quick absorption and release qualities make it ideal for liquid application.

Sizes Available:

In Traditional Ounce Sizes (True Yarn Weight). Choice of 12, 16, 20, 24 or 32.

Manufacturer's Recommendation: To extend mop life, all styles of wet mops should be rinsed and stored dry.





Standard Configuration:

Panda[™] and Swan[™] with Narrow White Head Band. PT Rayon[™] and PT Cotton[™] with Black PT-Advantage[™] Attachment.

Options:

- Fan Band in choice of Red, Orange, Yellow, Green. Blue or White.
- Panda™ and Swan™ with Narrow Head Band Color Choice of Red, Orange, Yellow, Green. Blue or White.



Individually polybagged in cartons of 12.

Custom Labeling Available to Factory Direct Distributors



Swantm





Professional Mops

Laundry Pro Plus (Slot Pocket)

aundry Pro Plus™

(Keyhole Square End w/Snaps)

Laundry Pro™ (Breakaway

Laundry Pro™

(Slot Pocket)

Superset natural color yarn

Superset color varn

Quite Simply, The Very Best!

Constructed for intensive laundering and rigorous use, these exceptionally high performance dust mops are pre-laundered and ready-to-use direct from the factory. Ha-Ste's Superset yarn virtually eliminates yarn frazzle and untwisting, while delivering maximum dust pickup and containment. An extended service life is insured by Ha-Ste's highest quality durable. synthetic backing in a fast drying tufted style.

Uses:

- Industrial.
- Laundry and Health Care Facilities

LaundryPro and LaundryPro Plus are available in three popular styles in industry standard 5" widths, with lengths ranging from 12" to 72".

Backing styles may be chosen from:

- Keyhole Square End w/Snaps* Fits one piece slip-on or quick-change type frames.
- Slot Pocket Fits one piece slip-on or quick-change type frames.
- Breakaway Designed for collapsible hinged frames.

*Ties in lieu of snaps available upon request.

LaundryPro** Options:

Choice of backing colors only: Blue, Yellow, Green, Orange, Red or White.

LaundryPro Plus Options:

Choice of backing and Superset yarn colors: Blue, Green, Orange, Red or Yellow.

** Natural color Superset yarn is standard; factory dyeing is not yet available.

Individually polybagged in cartons of 12. **Custom Labeling Available** to Factory Direct Distributors.





Premium DL™ Mops

Premium DL™ Mops

The Perfect Cleaning Tool for Hardwood, Marble or Tile Floors!

Constructed with Dura-Lon Color Fast Synthetic Yarn which is more durable. cleans easier and dries faster than cotton dust mop varn. Simple rinsing and drip drving will suffice in most cases.

Dura-Lon Yarn has built in static attraction characteristics for quick dust pickup, requires no treatment chemicals.

Available in four popular styles ranging in length from 12" to 72" with 3" or 5" width:

- Keyhole Square End Surged construction, keyhole backing with snaps**.
- Keyhole Round End Keyhole backing with snaps**.
- · Slot Pocket Available in industry standard 5" widths (only). Surged construction, fasteners not required. Fits one piece slip-on or quick-change type frames
- Breakaway Available in industry standard 5" widths (only). Surged construction, fasteners not required. Designed for collapsible hinged frames.

Standard Configuration:

- · Choice of colors: Blue. Yellow. Green, Red. White or Orange varn colors.
- Shrinkless (less than 1%) color coordinated Synthetic Backing.
- · Resists bacteria growth.

Individually polybagged in cartons of 12.

Custom Labeling Available to Factory **Direct Distributors**



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CottonPro™ Mops

CottonPro™ Mops

Designed Specifically by Demand for the Professional User

CottonPro™ and CottonPro Plus™ Dust Mops combine the utility of Multi-Ply Natural or Colored (Blue, Green or Yellow) Cotton Blend Yarn with the many benefits of Synthetic Backing. Available in three popular styles ranging in length from 12" to 72" with 3" or 5" widths.

Backing styles you may choose from:

- Keyhole Square End w/Snaps** (standard style) Fits one piece slip-on or quick-change type frames.
- Slot Pocket Available in industry standard 5" widths (only). Surged construction, fasteners not required. Fits one piece slip-on or quick-change type frames.
- Breakaway Available in industry standard 5" widths (only). Surged construction, fasteners not required. Designed for collapsible hinged frames.
- ** Ties in lieu of snaps available upon request.

Features:

- · Synthetic Backing less likely to stain than Natural Fabric Backing.
- · Wicks less treatment from yarn so mop works more efficiently.
- · Backing virtually shrinkless (less than 1%) guarantees mop will always fit frame.
- Natural yarn available in Sewn or Tufted styles. Color yarn available in Sewn style only.
- Mop fully launderable with Sewn Looped End Style Yarn.
- Yarn Styles readily accept treatment chemicals.

CottonPro Options:

Choice of backing colors only: B-Blue, G-Green, O-Orange, R-Red, Y-Yellow or W-White

CottonPro Plus Options:

Choice of backing and yarn colors: B-Blue, G-Green or Y-Yellow,





CanvasBack™ Mops

CanvasBack™ Mops

This low cost Professional Quality mop is Ha-Ste Extra™ constructed with Multi-Plv Natural Color Cotton Blend Yarn and Preshrunk canvas backing. Ha-Ste CanvasBack™ Dust Mops are very durable and will readily accept user applied mop treatments.

Available in three popular styles ranging in length from 12" to 72" with 3" or 5" width.

- Kevhole Square End Surged construction and keyhole opening. Preshrunk canvas backing with snaps**. Sewn varn only.
- · Keyhole Round End -Surged keyhole preshrunk canvas backing with snaps**. Choice of Sewn or Tufted varn.
- · OpenBack Tie On -Preshrunk canvas backing with nylon ties. May be used with virtually all varieties of frames. Sewn yarn only.

** Ties in lieu of snaps available upon request.

Individually polybagged in cartons of 12.

Custom Labeling Available to Factory











ValuLoop™ & Economy Mops

ValuLoop™ Mops

Price-Wise and Fully Launderable

ValueLoop™ dust mops combine the advantage of low cost with the benefits of a fully launderable dust mop to provide Battle Proven Reliability and Field Tested Profitability.

Features:

- Made with Fully Launderable, large-diameter, 4-ply synthetic blend yarn.
- Precision Ha-Ste Extra Looped End sewn construction virtually eliminates fraying, untwisting, and excessive linting present with cut end dust mops.
- Sewn on durable, shrinkless (less than 1%) synthetic backing.
- Available in standard lengths from 12" to 72". Fits standard 5" wide frame.

Backing styles may be chosen from:

- Keyhole Square End w/Ties Fits one piece slip-on or quick-change type frames.
- Slot Pocket Fits one piece slip-on or quick-change type frames.
- Wedge Fits wedge style frame (Ha-Ste item #1030 sold separately).

Options

Choice of matching yarn and backing color: B-Blue, G-Green, Y-Yellow or W-White.

Economy Mops

Recommended for commercial "bid" jobs, such as schools, municipal buildings, institutions, restaurants, etc. where *low cost and good performance are key factors*.

Features:

- Made with Natural Multi-Ply Cotton Blend Yarn and White (Standard) Synthetic Backing in a tufted style.
- Keyhole Square End Style with Ties and Natural Color Cut End Cotton Yarn.
- Sizes 12" to 72" long, 3" or 5" wide,
- Available in Tufted yarn construction only.

Options:

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Choice of backing colors only: B-Blue, G-Green, O-Orange, R-Red or Y-Yellow.

Individually polybagged

Custom Labeling Available to Factory Direct Distributors



Heartland



Disposable Mops

Disposable MopsSingle Pass Dusting at its Best!

At **Ha-Ste Manufacturing**, "Disposable" does not mean "Cheap and Ineffective" but rather "Laundry not Required". In fact, a properly made and treated disposable dust mop can be a commercial cleaning contractor's best friend.

The *Ha-Ste Disposable*™ is a highly effective and economical dust mop. Unique *Ha-Ste Extra*™ construction of high loft cotton blend or all synthetic blend (for economy and strength) sewn onto non woven Gray Typar Backing. With regular shaking or brushing, the *Ha-Ste Disposable*™ will provide service up to one million square feet!

Uses:

- · Schools.
- Retail Stores.
- · Churches.
- · Auditoriums.
- · Warehouses.
- Industrial and other Commercial Centers.

Features:

- Specially constructed Ha-Ste Extra™
 Center Row of Yarn for greater performance.
- High strength Typar backing resists staining and will not absorb user applied mop treatment.
- Cotton blend yarn available in Natural color only. 4 Ply Synthetic Blend yarn available in Blue, Green, White or Yellow.



Individually polybagged in cartons of 12.

Custom Labeling Available to Factory Direct Distributors





Wedgie[™] Mops

Wedgietm

Wedgie **DL**

Wedgie™ Mops

Ideally designed for *dust* and *debris* pick *up* in smaller rooms or smooth floor areas under tables and desks, behind file cabinets, etc.

Wedgie DL:

Colored Dura-Lon Synthetic Yarn sewn on color coordinated synthetic backing. Choice of Blue, Green, Yellow, Red, Orange or White.

Wedgie Cotton:

Natural color Cotton Blend Yarn Tufted on white synthetic backing.

Wedgie Plus:

Colored Cut End Cotton Blend Yarn sewn on color coordinated synthetic backing. Choice of Blue, Green or Yellow.

Wedgie Superset:

Highly Launderable Natural color superset yarn tufted on synthetic backing. Choice of backing colors: Blue, Green, Red, Orange, Yellow or White.

Wedgie ValuLoop:

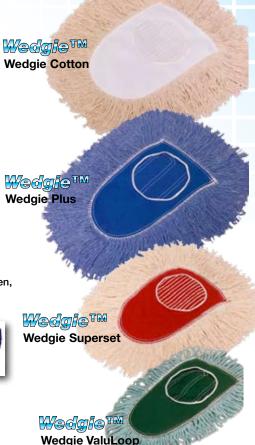
High loft 4 Ply Looped End Synthetic Blend yarn sewn on color coordinated synthetic backing. Choice of Blue, Green, Yellow or White.

Individually polybagged in cartons of 12.

Custom Labeling Available to Factory Direct Distributors

Wedgie Mop Frame with handle sold separately in cases of 12







Miscellaneous Mops

WallWash™ Refill

The ideal tool for washing walls and dust removal in hard to reach areas.

Features:

- White synthetic keyhole square end style backing is virtually shrinkless (less than 1%).
- Choice of two yarns: Tightly twisted natural cotton blend cut end yarn or White High Loft Looped End Synthetic Blend yarn.
- Fits any standard metal frame wall washer system.
- Clean-up: Laundry (laundry-net recommended) or hand wash and drip dry.

Individually polybagged in cartons of 12.

Custom Labeling Available to Factory Direct Distributors



TB PowerWash™ Mitt

Uniquely designed and developed for personal use by Tom Baker, Ha-Ste's plant engineer. Field tested and approved by Ha-Ste personnel, friends and relatives. The ultimate hand tool for washing cars and all types of equipment. Built-in, tightly woven mesh is conveniently located on the "backhand" side of the PowerWash Mitt. Simply flip the mitt over and (rub gently) "power remove" stuck-on particles from all nonpainted surfaces such as chrome, glass, rubber or hard plastic. Yarn front is made of Multiple-Ply cotton blend yarn sewn construction. Elastic wrist cuff holds mitt securely.

Individually polybagged in cartons of 12.

Custom Labeling Available to Factory Direct Distributors

TB PowerWashTM

1(800) 228-6677



Carpet Bonnets

KleenTufTM Bonnets With Green Scrubbing Strips

Designed for superior absorbency, extraction and durability. KleenTufTM's aggressive scrubbing strips loosen the soil while a thousandfold, absorbent, durable polyester-rayon blend loops retain it. Double-faced, tightly woven, looped bonnet keeps it shape after

repeated use and laundering. Medium profile reversible bonnet is recommended for all types of medium to dense carpet.

Sizes Available:

Choice of 13, 15, 17, 19 and 21 inch diameters.

KleenTuftm

Carpet Bonnets Packed in cartons of 6.

ThinKleen™ Bonnets

Tough, low profile premium Polyester-Rayon blend loops provide thorough cleaning, absorbency and durability. Delivers aggressive carpet cleaning action but easy-on-the-operator, stable machine operation. Also,

ThinKleen™ is perfect for buffing resilient floors.

Although laundering is optional, cleanup is *quick and easy* with standard "hand wash & wring-out".

Sizes Available:

Choice of 13, 15, 17, 19 and 21 inch diameters.

Carpet Bonnets Packed





Laundering Guidelines

Wet Mops:

Looped-End or Closed-End Wet Mops may be machine laundered.

- Laundry nets are recommended when washing and drying mops.
- For best results, laundry equipment should be loaded to capacity.

Caution:

Bleach will cause severe weakening and deterioration. Also the use of fabric softeners is not recommended.

Cotton-Yarn Dust Mops:

Due to differences in types, sizes and load capacity of laundering equipment, *laundering time will vary*. The following procedures are suggested for best results:

- · Shake out excessive dust.
- Secure mops in laundry nets, "Highly Recommended".
- Presoak mops for 10 minutes in warm water with a mild detergent.
- Wash mops in warm soapy water for about 10 minutes at low machine speed.
- · Cold water rinse for at least 10 minutes.
- Remove mops from nets and tumble dry, at low to moderate temperature, remove from dryer when slightly damp. Excessive temperatures and over drying will cause deterioration.

Caution:

Over-washing and bleach will cause severe weakening and deterioration. Also the use of fabric softeners is not recommended.

Dura-Lon Yarn Dust Mops:

Dura-Lon yarn launders and dries in *half the time* of cotton yarn. Simple "hand washing" with cold water rinse and drip drying will suffice in most cases. If mops are machine laundered, follow the above directions except do *not remove mops from laundry nets* when tumble drying.

Caution:

Dura-Lon dries quickly. Use lower drying temperatures and reduced drying time. Bleach will cause severe weakening and deterioration. Also the use of fabric softeners is not recommended.



Wet Mop Handles

FlipGrip:

Professional Handles for Heavy-Duty use. Just flip the lever and grip the mop. Another great option for both Narrow and Wide head band mops. Tough plastic head will open a full 180 degrees for easy mop changes. Teeth keep mop from slipping during the heaviest use.

FG-60 1-1/8" Wood Handle FGF-60 1" Yellow/Blue

Fiberglass Packed in Cartons of 12



Jaws:

The Pro's Choice. High impact plastic jaw style connector ideal for wide mesh head band mops. Simply tighten collar to hold mop. Lightweight and easy to use. Non-rusting, non-scratching and non-absorbing qualities make this style perfect for hospitals, restaurants and other high sanitation environments.

J-60 Wood Handle/ Black Jaw

JF-60

MJ-60 Black Plastic Steel Handle/Yellow Jaw

Packed in



Springer:

Excellent choice for both Narrow and Wide band head bands. Wide grip spring action locks mop head securely on hardwood handle. Heavy duty 60" models available.

WG-60 Packed in Cartons of 12





Wet Mop Handles

Quickslipper:

Quick release metal bracing bar slips away for easy mop head changing. Used with Standard, Narrow or Wide band mop heads and available in a heavy duty 60" hardwood handle or 60" plastic coated steel handle. To prevent rust or chemical corrosion, care should be taken not to leave entire frame submerged for long periods of time.

M-9145-60 Black Plastic Coated Steel Handle

H-9145-60 **Heavy Duty** Hardwood Handle

Packed in Cartons of 12





Wheelocker:

Alternative non-rusting style recommended for uses similar to the Jaws handle. Ideal for Narrow Band Mop Heads. High impact plastic quick change locking wheel connector with choice of hardwood, fiberglass or plastic coated steel handle.

MBQC-60 Plastic Coated Steel Handle

BQC-60 Wood Handle

BQCF-60 Blue/Yellow Fiberglass Handle

Packed in Cartons of 12



28 29



Wet Mop Handles

EasyTwist: High Impact plastic Threaded Cap (standard thread) with choice of Wood, Fiberglass or Plastic Coated Steel handles. TW118 1-1/8 x 60" Wood Handle with Plastic Threaded Cap 1 x 54" Wood Handle with Plastic Threaded Cap TF100 1 x 54" Fiberglass Blue/Yellow Handle with Plastic Threaded Cap TS100 1 x 60" Black Plastic **Coated Steel Handle** with Plastic Threaded Cap Packed in Cartons of 12



LF-60

Used with Screw-On wet mops. Three sizes available.

1-1/8 x 60"
Wood Handle

LF54
1 x 54"
Wood Handle

MLF-60
1-1/8 x 60"
Black Plastic Coated
Steel Handle (Not Shown)
Packed in
Cartons of 12





Wet Mop & Dust Mop Handles

Classic Wire Band:

The original reusable handle style developed decades ago and still popular today. Constructed with a Steel Wire Head Band which clips to a Custom Built Lacquered Hardwood Handle. Care should be taken to avoid harness rusting or scratching of smooth surfaces during use and storage.



Packed in Cartons of 12





Quick Change Handles & Breakaway:

Standard or heavy duty 60" swivel snap Wood, Fiberglass or Plastic Coated Steel Handle has quick change thumb release to change mops easily. One handle fits various sizes of frames. Sold separately from Quick Change and Breakaway Frames.



MQCH-60





Dust Mop Frames

Quick Change Frames: Ha-Ste's Best heavy duty industry standard frames with 3" or 5" width ranging in length from 12" to 72". Uses Quick Change Handle. QC-F-5 5" Heavy Duty Frame Packed in Cartons of 12 Powder Coated Finish • Thirty Times Higher Corrosion Resistance than Nickel/Chrome & Zinc Plating • Environmentally Friendly

Breakaway Frames:

Specially designed collapsible frame "Breaks" in the middle for easy release of soiled dust mops. Heavy duty frames are available in industry standard 5" width, ranging in length from 12" to 72". Uses Quick Change Handle.



Powder Coated Finish

- Thirty Times Higher Corrosion Resistance than Nickel/Chrome & Zinc Plating
- Environmentally Friendly



Dust Mop Frames and Handles

Combo Set:

Includes standard 1" x 60" Wood Handle along with combination swivel/wing nut locked style frame 3-1/4" SF or 5" SFL width ranging in length from 12" to 72".



Wedgie:

Includes *standard* 1" x 54" Wood Handle with industry standard 4-1/2" x 8" Wedgie Frame.







Miscellaneous Items

Split Duster:

Made with *Premium Multi-ply Natural color Cotton Blend Yarn.* Useful for dusting pipes, air vents and other hard to clean areas. *Launderable.* Refill yarn spread 9" x 6-1/2". Individually polybagged in cartons of 12

Duster Frame and Handle:

Uniquely designed spring metal frame conveniently "frames" both Split Duster Refills. One piece Frame/Handle model available with 20" Wood Handle. Overall hardware length is 27". Sold separately in cartons of 12.



Flat Duster:

Handy shaped duster made with *Premium Multi-ply Natural Color Cotton* Blend Yarn and designed for office/industrial use. *Launderable.* Refill yarn spread 9" x 6".

Duster Frame and Handle:

See "Split Duster" above.



Cuff Hand Duster:

Cuff holds single faced or double faced duster securely on hand. Premium Multi-ply Natural Color Cotton Blend Yarn, excellent for washing cars and equipment as well as dusting. Refill Measures 9-1/2" x 6-1/2".

1060 Single Face 1070 Double Face

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Individually polybagged in cartons of 12.





Miscellaneous Items

Laundry Net:

Heavy duty knitted 100% Polyester nets with laced draw cord plastic closure. Strongly recommended for all mop laundering to prevent tangles and extend mop life. Available in 10" x 15", 15" x 20", 18" x 30" and 24" x 36" sizes.



Packed in cartons of 12.



Rotary Bonnets:

High Profiled designed for efficient shampooing or spot cleaning of all carpets, including deep pile. Excellent also for buffing natural wood floors. Choice of high performance looped end Cotton Blend, Rayon-Polyester Blend or Dura-Lon yarn sewn on white nylon mesh backing. Use with any standard floor machine. Sizes available 13", 15", 17", 19" and 21" diameters.

RP
Rayon-Poly Blend
CTRB
Cotton Blend
DLRB
Dura-Lon
Packed in



Bowl Swabs:

Made from absorbent Acrylic Blend Yarns to resist breakdown from acidic bowl cleaners or caustic cleaners. Heavy duty handle hole drilled for easy hanging.







Miscellaneous Items

Sheep's Wool Wax Applicators:

Traditional sheep skin 1/2" wool pile pads for application of wax, varnish, seals and compounds. Available in 5-1/2" width, choice of 10", 12", 14", 16" or 18" lengths.

Chenille Applicators:

Economical, absorbent short nap cotton yarn pads are ideal for applying all water emulsion seals and finishes. Available in 6" width, choice of 10", 12", 14", 16" or 18" lengths.

Hardwood Applicator Blocks:

Lacquered two piece contour hardwood blocks with recessed bolt heads. Available in 10", 12", 14", 16" or 18" lengths. Standard threaded handles sold separately, page 33.



Product Notes:

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Letter From the Chairman

A Message from J.W. "Bill" Seewart, Founder & Chairman...

I want to tell you about something very special .. something that you can't see in a product picture or a mop description. It's the secret extra Dear Ha-Ste Customers, ingredient in all of our products. It's not really a secret, but our competition can't copy it - no matter how hard they try. The special 'extra ingredient' is the sincere, heartfelt, winning attitude of all our employees.

Union City is in the heart of rural farm country where people still nod politely to strangers and yell 'hello' to friends from across the street. Visitors tell us it's a refreshing step back in time when day-to-day life was just a little less complicated than it is now. Strong personal integrity is considered normal behavior and business without ethics just doesn't make sense. Just over 5000 people live in the whole city and I think the Cream of the Crop works right here at Ha-Ste.

Everyone at Ha-Ste cares. We care about our product quality, construction, performance, and durability, but most of all, we care about our customers. No kidding. It's a real source of personal pride to us and it's not taken lightly. We've labeled that attitude the 'Ha-Ste Extra' and you'll notice it in everything we make. It means extra value to you and your customers, but no extra cost.

One more thing. We are constantly adding new products and making improvements to current products. So, if there is any product or service that you are interested in that is not listed, just tell us and we'll see what we can do. This includes custom factory and private labeling as well as construction modifications to suit your needs.

Thanks for reading this and indulging me with my boasting. If you are ever anywhere near Union City then you're probably lost, but don't worry. Come on by and visit us.

Take care,

Panie

Aymoi



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Fax: 1(937) 968-4524 Email: service@hastemops.com Web: www.hastemops.com