



TRIDENT

BRAND

High-Performance Microfiber Cleaning Systems



HILLYARD

The Cleaning Resource®

Microfiber Delivers Superior Results

STUDY RESULTS: Microfiber Mop Systems Vs. Traditional String Mops*


CLEANS FLOORS

**3X's
FASTER**

Improve Productivity
Reallocate Labor

REDUCES
CHEMICAL & WATER
CONSUMPTION
UP TO

95%

Lower Total Cost
More Sustainable 

REDUCES
BACTERIA BY
99%
STRING MOPS 30%

More Effective
Improved Outcomes

About The Study

The comprehensive study was performed at The University of California Davis Medical Center. UCDMC had three motivations for changing the way its staff cleaned floors in patient rooms. One, reduce chemical use and disposal. Two, reduce cleaning times. Three, reduce injuries and workers' compensation claims. The study was done independently of Hillyard and used microfiber systems supplied by other sources than Hillyard.

* U.S. EPA, Using Microfiber Mops in Hospitals, Nov 2002



Eliminate the string mop and bucket!

Traditional mopping processes spread soil and bacteria, microfiber systems remove it.

The soil and bacteria your staff is trying to remove mixes with the cleaning solution. So in no time, the mop is simply spreading what it should be removing!

Traditional mops also cause that disgusting "ring-around-wall" where the floor and wall meet.



REDUCES
POTENTIAL STAFF
INJURY
WORKERS' COMP

Less Weight
Eliminate Wringing
& Heavy Buckets

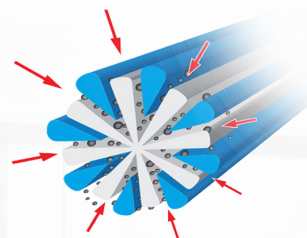
SAVINGS
LIFETIME COST
60%
FOR MOPS

Lower Lifetime
Cost

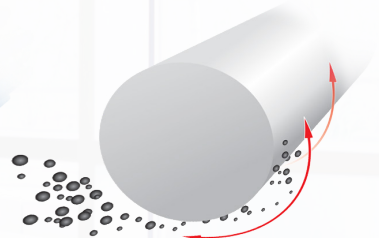
Fiber Construction and Performance

Traditional string mop fibers push soil and do not absorb well, leaving behind filthy residue.

Split microfiber attracts and captures soil, and absorbs moisture, within the splits of the fiber - removing soil, leaving the surface clean and residue free.



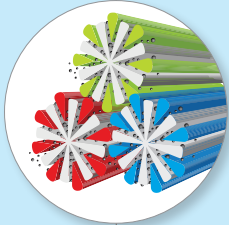
Microfiber



Traditional Fiber

The TRIDENT Premium Line

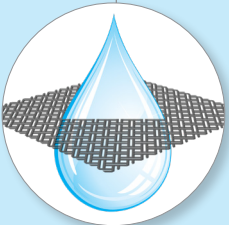
Not All Microfiber Mops Are Created Equal!



TRIPLE SPLIT™ FIBER **Higher Capacity & Absorption**

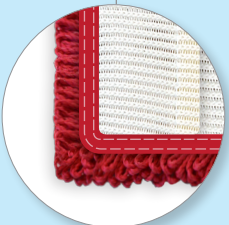
High performance microfiber goes through a splitting process that leaves a cross-section of the fiber looking like an asterisk. The splits provide space to capture soil, bacteria and absorb liquid.

Without splitting, a microfiber mop would act like a cotton mop and just push soil around. Most microfibers go through the splitting process once. Trident microfibers are split three times! More splits, more capacity, better cleaning results!



FLOW-THROUGH MESH BACKING **Fast Saturation & Better Cleaning**

When used in our PreTreat system, the cleaning solution quickly saturates the mops and allows for complete and even coverage enhancing productivity and performance - ready to use without waiting! The mesh backing improves cleanability - during the laundering process soil and moisture passes through the backing speeding dry times and delivering a cleaner mop.



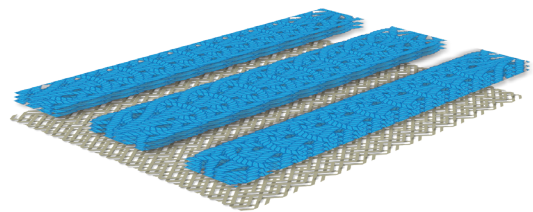
DOUBLE STITCHED **Greater Durability**

What's better than one row of stitching? Two rows of stitching! Greater durability - longer life expectancy.



TRIDENT

MORE FIBER, MORE PERFORMANCE, NO FILLER



Competitive mops can utilize inner-layer fillers that can trap soiled solution and harbor bacteria between the layers.

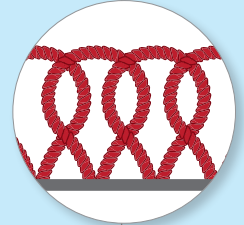
Trident construction stitches fiber right to the mesh backing, eliminating filler, so soil and bacteria can be removed during the laundering process.

TRIDENT Designed For Lowest Total Cost In Use



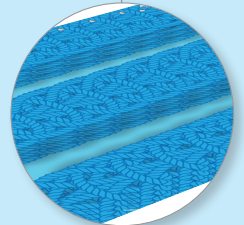
TWIST LOOP PILE Better Performance & Productivity

Twist loop pile excels at cleaning uneven surfaces like grout and tile. It captures larger soil particles, absorbs more moisture, and retains more soil than cut microfiber - increasing the amount of square footage one pad can clean - improving productivity.



DEBRIS CHANNEL™ DESIGN Increased Capacity

The channels between the rows of microfiber are designed to move soil up into the mop - capturing soil and moisture across the entire width and length of the fiber twist loops - delivering greater load capacity and higher productivity.



POCKET TECHNOLOGY Hassle-Free Performance

Many microfiber mops utilize "hook and loop" fastening to attach the mop to the frame. The problem, after repeated washings and debris getting trapped in the backing, is the mop loses adhesion to the mop frame. Sliding the frame into the pocket of a Trident Premium Mop, ensures hassle-free performance time after time.



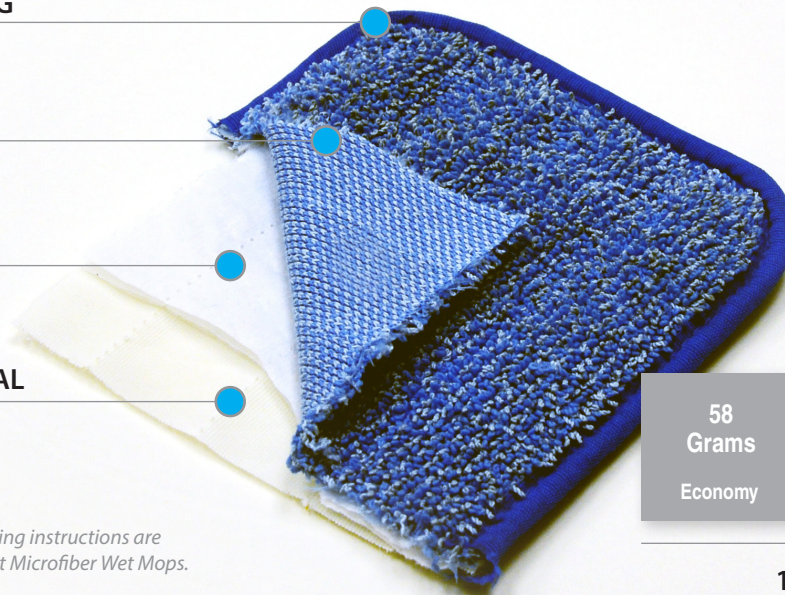
COMPETITIVE ECONOMY MICROFIBER

SINGLE ROW STITCHING

CUT MICROFIBER

INNER-LAYER FILLER

HOOK & LOOP MATERIAL



TRIDENT
1000+
WASHINGS*



58
Grams
Economy

130
Grams
TRIDENT

* If proper Trident microfiber washing instructions are followed. Trident Premium Pocket Microfiber Wet Mops.

18" MOP WEIGHT

The TRIDENT PreTreat System

Make Cleaning Tasks Efficient and Productive

1. MEASURE



Measure the proper amount of cleaning solution needed based on the cleaning solution mixing tables.

2. POUR



Place mops face down in bucket. Pour measured cleaning solution over the mops.

3. PLACE



Collapse the frame. Align frame edges with mop pockets. Press firmly to "snap" the frame into the mop.

Time Saving Fact!

Hillyard Trident Brand Premium Microfiber Pads with mesh backing are ready to use instantly - no waiting for saturation like with traditional mops.

The TRIDENT Microfiber Cart

MAKING THE PROCESS SIMPLE AND EFFECTIVE

- Complete system on a compact, lightweight cart that is easy to maneuver in tight spaces.
- Divided and coated laundry bag can be used for soiled mops and cloths. Side-pockets are designed to hold gloves and tools like the hand trowel.
- Storage for 5 upright mop handles. Hooks for wet floor signs.



Large Bucket - 6 GL Capacity

18" Trident Premium Mop	25
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Small Bucket - 3.5 GL Capacity*

11" Trident Premium Mop	25
Double-Sided Cloth	50
12 x 12 Cloth	50
16 x 16 Cloth	40

Item Number: HIL20016

Metal Cart w/ Rear Wheels and Front Casters
1 - 3.5 Gallon Bucket w/ Self Sealing Lid, Gray
1 - 3.5 Gallon Bucket w/ Self Sealing Lid, Blue
1 - 6 Gallon Bucket w/ Self Sealing Lid, Gray
1 - 6 Gallon Bucket w/ Self Sealing Lid, Blue
1 - Rear Laundry Bag

Ships in 2 boxes, 1 for cart, 1 for buckets.

* Capacity is per single item, not total for all items in the list.



TRIDENT

For Clean, Safe, Healthy Facilities



TRIDENT Color Coded Cleaning

Use color coding to reduce the risk of cross-contamination between cleaning areas and reduce the chance of using the wrong chemical solution for the intended surface.

Develop your own system or use the following generally accepted industry guidelines:

- **BLUE** - General Cleaning
Furniture, Floors, Glass and Mirror
- **RED** - High Risk Critical
Patient Contact Surfaces, Operating Rooms, Toilets, Urinals, and Restroom Floors
- **YELLOW** - Lower Risk Critical
High Touch Points, Wash Basins, Sinks, Fixtures
- **GREEN** - Foodservice
Food Preparation, Kitchen, Cafeteria

4. CLEAN



Clean the floors, walls and/or other surfaces like tables, desks, partitions and more.

5. REMOVE



Push the button on the mop frame for touch-free release of the mop into the soiled mop bucket or the Trident cart's rear laundry bag.

Soiled Mop Tip!

The coated laundry bag on the back of the Trident Cart is divided - one side is used for soiled cloths and the other side is used for soiled mops.



CLEANING SOLUTION MIXING TABLES*

18" MOP 6 GALLON BUCKET



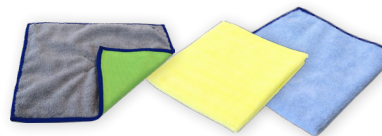
Mop Qty	Gallons of Solution	
	Premium Pocket	
10	0.75	
15	1.00	
20	1.50	
25	1.75	

11" MOP 3.5 GALLON BUCKET



Mop Qty	Gallons of Solution	
	Premium Pocket	
10	0.375	
15	0.50	
20	0.75	
25	1.00	

CLOTHS 3.5 GALLON BUCKET



Cloth Qty	Gallons of Solution		
	Double Sided	12 x 12 Inch	16 x 16 Inch
15	0.50	0.25	0.33 1/3
25	0.75	0.50	0.67 2/3
40	1.00	0.75	1.00
50	1.25	1.00	n/a

Use the PreTreat Bucket with built-in instructions to properly measure the amount of cleaning solution needed to fully saturate the quantity of mops and cloths needed for cleaning.



* Guideline for medium saturation levels. Can be adjusted up or down based on application preference.



11" Pocket System Hardware

Pocket System Trowel

- HIL20045 - with LED Light
- compact charger included
- HIL20047 - without LED Light



HIL20045

Swivel Frame with Scraper Edge

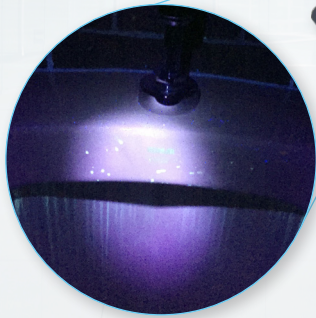
- For use with aluminum telescoping handles, HIL20044 and HIL20042



HIL20046

Flex Tail Design

- Easily remove the pads without touching the soiled side



Built-In Scraper

- Scrape away stubborn soils and debris
- Touch-free design

18" Pocket System Hardware

Collapsing Frame with 360° Swivel Action

- For use with aluminum telescoping handles, HIL20044 and HIL20042



HIL20043

Durable Solid Core Construction



Touch-Free Mop Design!

HIL20042

Push Button Release For Touch-Free Addition and Removal of Mops



HIL20050

The microfiber fringe pulls the dirt and bacteria out of the corners and along the walls.



High-Performance Microfiber Cleaning Systems

18" Premium Pocket System Mops

Premium Mesh-Backed Pocket Mop



HIL20050	Red - Pocket Mop, Mesh Back
HIL20049	Blue - Pocket Mop, Mesh Back
HIL20051	Green - Pocket Mop, Mesh Back
HIL20052	Yellow - Pocket Mop, Mesh Back

■ Pack: 48/Case (4 Pack/12 Mops)

Specialty Pocket Mops



HIL20083	Blue Scrubber Pocket Mop
HIL20053	White Short Nap Pocket Mop

■ Pack: 48/Case (4 Pack/12 Mops)

18" Pocket System Hardware



HIL20043	Collapsing Frame, 360° Swivel
HIL20042	Aluminum Telescoping Handle 39.5" - 72", Removable Grip

■ Pack: 12/Case

11" Premium Pocket System Mops

Premium Mesh-Backed Pocket Mop



HIL20056	Red
HIL20055	Blue
HIL20057	Green
HIL20058	Yellow

■ Pack: 48/Case (4 Pack/12 Mops)

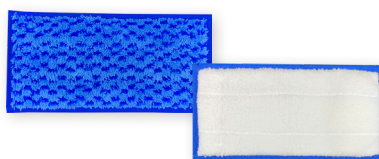
Glass & Mirror Pocket Mop



HIL20059	Blue
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- Fine non-streak performance.
- Extra absorbent backing.
- Pack: 48/Case (4 Pack/12 Mops)

Specialty Pocket Mops



HIL20101	Blue Scrubber Pocket Mop
HIL20102	White Short Nap Pocket Mop

■ Pack: 48/Case (4 Pack/12 Mops)

11" Pocket System Hardware

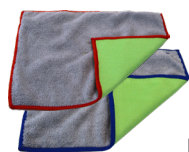


HIL20045	Hand Trowel w/ Scraper & Black Light
HIL20047	Hand Trowel w/Scraper, No Light
HIL20046	Wall Washer Swivel Frame w/ Scraper
HIL20044	Aluminum Telescoping Handle 26.5" - 48", Removable Grip

- Trowel & Frame Pack: 10/Case
- Handle Pack: 12/Case

Cloths

Premium Double Sided Cloths

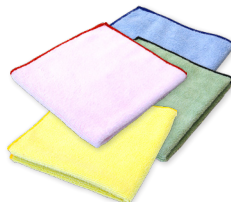


HIL20018	Red Band
HIL20017	Blue Band

Heavy duty (Gray) split microfiber with fine non-streak microfiber on back.

- 400 Gram Wt., 8" x 10"
- Pack: 48/Case (4 Packs of 12 Cloths)

Heavy Duty Cloths



HIL20020	Red
HIL20019	Blue
HIL20021	Green
HIL20022	Yellow

- 300 Gram Wt., 16" x 16"
- Pack: 288/Case (24 Packs of 12 Cloths)

General Purpose Cloths



	12" x 12"	16" x 16"
Red	HIL20029	HIL20025
Blue	HIL20028	HIL20024
Green	HIL20030	HIL20026
Yellow	HIL20031	HIL20027

- 250 Gram Wt.
- Pack: 288/Case (24 Packs of 12 Cloths)

Specialty Glass Cloth

Use for glass and mirrors. Fine non-streak performance.

HIL20023	Blue
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- Size: 16" x 16"
- Pack: 288/Case (24 Packs of 12 Cloths)



Subject to change without notice.



Above-The-Floor Dust Control

Flexible Blade Duster - 2" Long Fringe



HIL20038 Duster w/ Blade & Detachable 12" Handle, 25/Cs

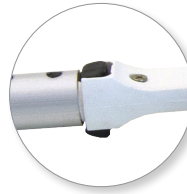
HIL20039 Replacement Head - Blue 50/Cs

Flexible Blade Duster - Short Nap



HIL20034 Duster w/ Blade & Detachable 12" Handle, 25/Cs

HIL20035 Replacement Head - Green 50/Cs



Remove 12" handle and use with telescoping handles HIL20042 or HIL20044 listed in the pocket system hardware.

Fixed Extension Duster - 4" Long Fringe



HIL20040 Duster w/ Telescoping Handle 34" - 51", 25/Cs

HIL20041 Replacement Head - Blue 50/Cs

System Buckets

Small Bucket - 3.5 Gallon



- Built-In Graduations
- Sealing Lid
- Carrying Handle
- 12" x 9" x 10"H

HIL20013 Blue - Bucket w/Sealing Lid, 10/Cs

HIL20014 Gray - Bucket w/Sealing Lid, 10/Cs

Large Bucket - 6 Gallon



- Built-In Graduations
- Sealing Lid
- Carrying Handle
- 20" x 8" x 10.5"H

HIL20011 Blue - Bucket w/Sealing Lid, 10/Cs

HIL20012 Gray - Bucket w/Sealing Lid, 10/Cs

PreTreat Measuring Bucket - 1.5 Gal.



HIL20015 Yellow - w/Graduations, 10/Cs

Trident Cart System*



HIL20016

Metal Cart w/ Rear Wheels and Front Casters

1 - 3.5 Gallon Bucket w/ Self Sealing Lid, Gray

1 - 3.5 Gallon Bucket w/ Self Sealing Lid, Blue

1 - 6 Gallon Bucket w/ Self Sealing Lid, Gray

1 - 6 Gallon Bucket w/ Self Sealing Lid, Blue

1 - Rear Soiled Laundry Bag

Ships in 2 boxes, 1 for cart, 1 for buckets.

- 30" Long from Front to Back
- 24.5" Wide at Rear Wheels
- 39.5" Tall to Handle

* Cart is shown with 2 Trident Pocket Mops and Hardware which are purchased separately.

Replacement Soiled Laundry Bag

- Split compartment design - side for mops - side for cloths
- Dust tool compartment
- Side pockets for gloves and tools
- HIL20064



Bend the flexible blade duster to any profile for maximum contact and performance!



High-Performance Microfiber Cleaning Systems

18" Hook & Loop System Mops

Trident Hook & Loop Mop



HIL20077 Red - Hook and Loop Backing

HIL20076 Blue - Hook and Loop Backing

HIL20078 Green - Hook and Loop Backing

HIL20079 Yellow -- Hook and Loop Backing

■ Pack: 48/Case (4 Pack/12 Mops)

Specialty Hook & Loop Mops

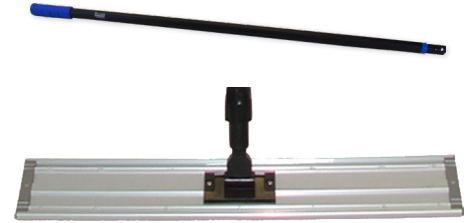


HIL20085 Blue Scrubber w/ Fringe, 48/Cs (4 Pack/12)

HIL20084 White Short Nap, 48/Cs (4 Pack/12)

HIL20054 Economy Short Nap, Blue, Filler Layer Free
96/Cs (8 Pack/12 Mops)

18" Hook & Loop Hardware



HIL52832 Hook & Loop Swivel Frame

HIL20042 Aluminum Tele. Handle 39.5" - 72",
12/Cs (1/Pack)

Microfiber Looped-End Tube Mops



	Large	Medium	Small
Blue	HIL20067	HIL20070	HIL20073
Green	HIL20068	HIL20071	HIL20074
Orange	HIL20069	HIL20072	HIL20075

- 5" Mesh Head Band, Tail Band
- Pack: 12/Case

Mop Hardware



HIL22711 60" Fiberglass Handle, Grip Style, 12/Cs

Combo Mop Buckets

Dual Compartment Bucket w/ Down Press Wringer



- 5 gallon rinse water and 4½ gallon clean water
- Pole holder, carry handle, front pour spout
- 3" swivel casters
- HIL20010

Also available as
a standard single
compartment mop
bucket with down press
wringer. HIL20036

Laundry

Compact Washing Machine

- 13 lb., fully automatic microfiber washing machine
- Wash up to 30 - 18" microfiber mops at one time
- Fully automatic wash, rinse and spin cycles
- Stainless steel inner tub
- Programmable up to 24 hours in advance
- Weighs just 61 lb., 110 volt, 22" x 22" x 36" high.
- Item No: CRPSMARTCLEAN





TRIDENT^{BRAND™}

Housekeeping Cart



*Rotationally Molded
Body and Shelves*

Trident Housekeeping Cart - HIL20096

- 1 - Roto-molded base with casters
- 2 - Locking bi-directional drawers
- 1 - 90 degree upper front shelf
- 1 - 45 degree lower front shelf
- 1 - Push handle, with vacuum and duster holder
- 1 - 90 degree lower rear shelf
- 1 - trash bag with side pockets and double rear zipper



Electronic Locks

- Quickly open and lock
- No breaking keys

Heavy Duty Slides

- Supports fully loaded drawers
- Full extension for easy access

Handle Holders

- Extra wide, recessed slots won't bump/scratch walls
- Holds 5 handles with nothing to break, 10-Year warranty

Bucket Platforms

- Sturdy, rotationally-molded supports loaded microfiber buckets

Easy to Maneuver

- Large 5" front and 7" locking rear casters make it easy to maneuver even when fully loaded

2-Sided Drawer Access

- Drawers open from both sides of carts
- Fits buckets or mops



Heavy Duty Utility Bag

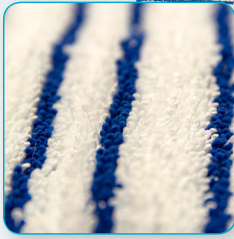
- Zipper top closure
- Easy trash removal



TRIDENT^{BRAND™}

Finish Application System

A heavy duty bucket system that is used for a variety of applications. The buckets' air tight seal boosts productivity with less waste. Apply finish with a 24" pocket system frame and seal the mops between coats.



Glide Pocket Finish

Glide poly strips helps this microfiber finish mop move smoothly over the surface while laying down a thin coat of finish.

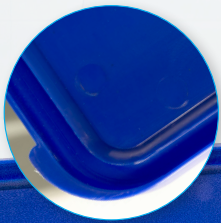
HIL20098 24", Pack: 12/Case



Wave Pocket Finish

TRIPLE - SPLIT Fiber Technology holds more floor finish on the microfiber mop which means increased productivity. The channels support a smooth, even and consistent coat of finish.

HIL20100 24", Pack: 12/Case



The lid seals air tight to allow for less waste and continue projects for several days between coats.

Removable press for easy "tapping" of the mop head that ensures there are less bubbles in the finish. Plenty of clearance to access the finish during application.

Finish System Kit - HIL20099*

HIL20094 Finish bucket with lid, casters and removable press. Pack: 1

HIL20100 24" Wave finish mop. Pack: 1

HIL20098 24" Glide finish mop. Pack: 1

HIL20095 24" Pocket Frame

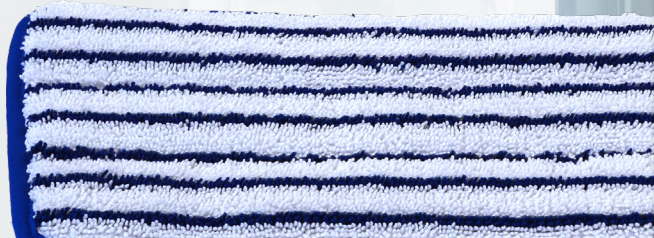
**Requires aluminum telescoping handle HIL20042, 39.5" - 72.0", removable grip. Pictured on page 10.*

Hook and Loop Finish Mop

HIL20037 18", 48/Case 4-12 Packs

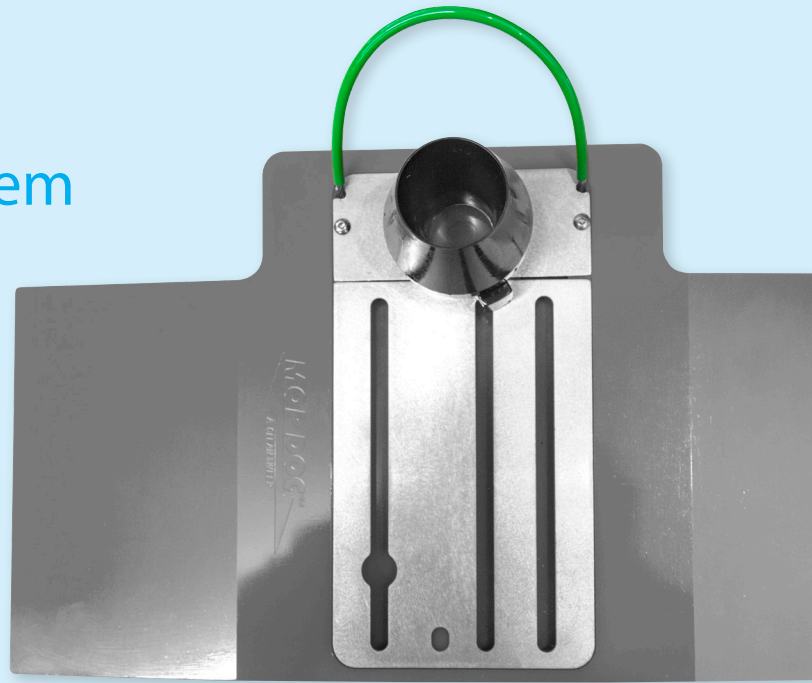
For use with the HIL52832 hook and loop frame and HIL20042 aluminum telescoping handle. Pictured on page 10.

Heavy duty wide caster wheels with axle and raceway bearings. Center-weighted design means less spills and extra stability.



The MopDoc® Dust Mop Cleaning System

Dust mopping extends the life of your floor finish and improves safety. The problem is routine maintenance is required to remove trapped soil and grit from your dust mops. This gets tedious and rarely is done - compromising your floorcare program. The MopDoc® is a patented, easy-to-use vacuum attachment. It creates cleaner dust mops and cuts down on the constant wear and tear on your floors caused by dust and debris re-deposited by dust mops.



A sealed vacuum chamber underneath the MopDoc® prevents sliding while cleaning dust mop. Meanwhile, a stainless steel magnetic plate and vacuum attachment vent allows for various degrees of suction. Easy to disassemble and clean air chamber compartment.

HIL20097 MopDoc®, Pack: 1/Case



Trident Microfiber Dust Mops

18"	24"	36"	48"	60"	72"
HIL20086	HIL20087	HIL20088	HIL20089	HIL20090	HIL20091
48/Cs 4-12 Packs	48/Cs 4-12 Packs	48/Cs 4-12 Packs	24/Cs 4-6 Packs	18/Cs 3-6 Packs	12/Cs 1-12 Pack

Trident Microfiber Dust Mop Frames - 5" Width

Metal frame is coated with a durable polymer that resists rust and prevents cracking and chipping.

18"	24"	36"	48"	60"	72"
HIL52813	HIL52815	HIL52817	HIL52819	HIL52821	HIL52831
12/Cs	12/Cs	12/Cs	12/Cs	12/Cs	12/Cs



Dust Mop Handles

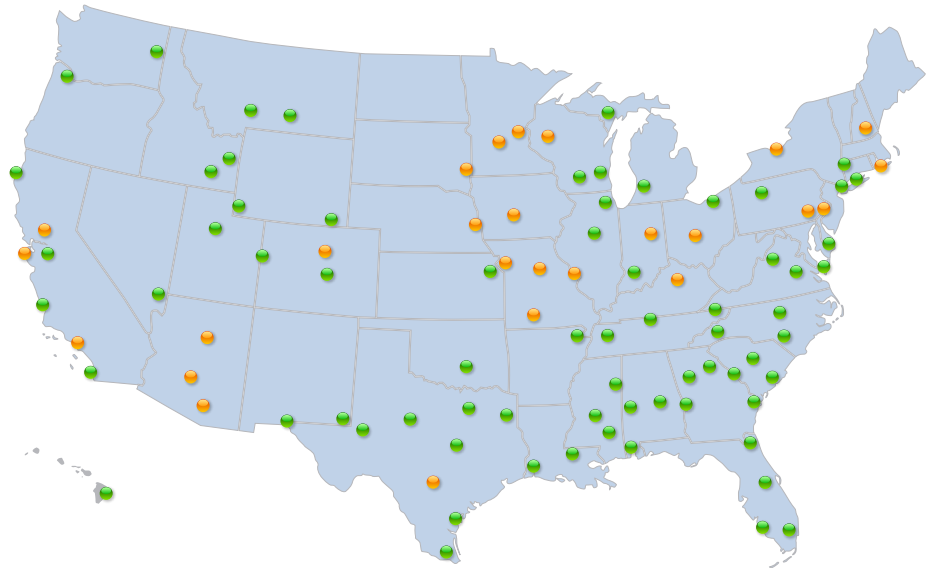
Item	Size	Type	Pack/Cs
HIL22608	1" x 60"	Wood	12
GOLHQC160F	1" x 60"	Fiberglass	12
GOLHQC160G	1" x 60"	Metal	12



The Hillyard Network

Since 1907, Hillyard has been a manufacturer and distributor of innovative cleaning solutions. Our nationwide network consists of 30 Hillyard owned distribution centers and over 100 independently-owned distribution companies. Our entire network is staffed with thoroughly trained cleaning experts ready to help lower your total cost of cleaning, and improve quality.

-  Hillyard Distribution Centers
-  Hillyard Distributor Partners



Hillyard Distribution Centers

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