

# ISI - Cleaning Brush Specification - USA



## SWEEPING...



Our **Side Brooms**, available with 3, 4 or 5 Bristle Rows, reach far into corners and against curbs, throwing debris out into the path of the sweep-main broom.



Our **Main Brooms**, are available with standard 6 or 8 Double Bristle Rows (6 or 8DR), in High Density configuration with 12 or 24 Double Bristle Rows (12 or 24DR) and Patrol Broom with V-pattern (herringbone).



**6 or 8 Double Bristle Rows** (6 or 8DR) is the most popular brush fill pattern for main sweeping brooms.

In this fill pattern, the rows of bristles pick up fine debris while the empty spaces in between the rows trap bulkier litter. The DR pattern is a good choice because it gives good performance on both fine and bulky debris.



**High Density Broom:**

12 or 24 Double Bristle Rows (12 or 24DR): designed for use in applications that have fine debris but not a lot of bulky litter. The dense pattern of these brooms is very effective for trapping sand, dust and other fines, making them excellent for applications like cement plants, bakeries, etc.



**Patrol Broom** "with V-pattern":

is designed specifically for high-speed sweeping. This pattern has fewer rows with wider spaces in-between, which enables it to more effectively grab bulky litter at accelerated sweeping speeds. This broom is excellent for maintenance sweeping of large areas such as parking lots.

**PPN - Polypropylene:** Good all-around sweeping performance including environments with dampness or high humidity. Not recommended for very high temperature applications.

**PPN & Wire:** Good general-purpose sweeping ability and multi application versatility, the Wire (crinkle or flat steel wire) provides a light cutting action for impacted dirt or mud and also important wear support for PPN.

**Nylon:** Excellent wear life, but less aggressive in conditions with moisture or high humidity. Often used on rough surfaces or high-temperature environments because of its toughness and long wear characteristics.

**Flat Wire:** Typically used outdoors. This material is very aggressive, which makes it good for digging and collecting heavy debris.

**PPN - Polypropylene:** Good sweeping performance either indoors or outdoors, including environments with dampness or high humidity. Not recommended for very high temperature applications.

**PPN & Wire:** Good general-purpose sweeping ability and multi application versatility, the Wire (crinkle or flat steel wire) provides a light cutting action for impacted dirt or mud and also important wear support for PPN.

**Union (Natural Fiber):** Excellent material for dust control and sweeping fine debris, but has a relatively shorter wear life than other materials.

**Union & Wire:** Compared to Poly & Wire, the Fiber & Wire provides better dust control but has a much shorter wear life.

**Nylon:** Excellent wear life, but less aggressive in conditions with moisture or high humidity. Often used on rough surfaces or high-temperature environments because of its toughness and long wear characteristics.

**Crinkle Wire:** Special purpose fill material for applications needing only the scraping action of thin wire. Recommended for applications with compacted soil and little dust. The wire alone does not provide effective dust control.

**Flat Wire:** A very aggressive material, which makes it good for digging and collecting heavy debris, especially in combination with PPN or Nylon.

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## SCRUBBING...



Scrub Brush (Disk)



Scrub Brush (Cylindrical)

**PPN - Polypropylene:** General purpose scrubbing material for maintaining concrete or coated floors. Can be used indoors or out. Poly is often used on concrete or coated floors in industrial facilities. Poly is the most common choice for overall general purpose scrubbing. **Stiff Poly:** Similar to above, but with a heavier-gauge bristle that makes it slightly more aggressive. **Non-scuff Poly:** Lighter-gauge poly for lighter duty scrubbing conditions and finished floors.

**PPN - Carpet Brush** has a larger-diameter core and shorter bristles than standard scrub brushes. The shorter bristles and finer-gauge fill material give this brush its good performance on carpet.

**5-K PPN-Mix:** A special blend of 5 different PPN bristles. Used for gentle scrubbing of tile, terrazzo or marble. Proven to be a low cost alternative to Bassine, but with a much longer wear life and better performance.

**Nylon:** Is the typical choice for decorative floors. Nylon softens when wet, so it is used for gentle scrubbing, mopping or polishing of decorative floors. Will not scratch tile, terrazzo, or coated surfaces.

**Union (Natural Fiber):** Most gentle brush fill for light scrubbing or buffing of decorative type floors.

**Union Mix:** Combination of natural fiber: Tampico & Palmyra. Most gentle brush fill for light scrubbing or buffing of decorative floors.

**Grit (Abrasive Bristle):** Moisture-resistant nylon filament impregnated with silicon carbide grit. Grit is recommended to scrub very rough surfaces including asphalt or rough concrete and very effective for grinding away heavy buildups and stripping floor finish. We also offer **Super Abrasive Grit**, similar to standard **Abrasive**, but with larger-diameter filament and heavier grit for additional aggressiveness. Also known as: **Tynex** (Dupont trade name)

**Wire (flat or round steel wire):** Most aggressive scrubbing brush, recommended for scraping impacted dirt, paint or ice build-up.

The brush is the most important part of a sweeper or scrubber in determining cleaning performance. Our supplier, Weber Brush Systems, est.1895, designs and manufactures brushes to precisely fit most popular industrial sweeper or scrubber models. Each Weber brush is balanced for low vibration, assuring maximum bristle life and exceptional cleaning action. Weber brushes are designed to give your machine maximum performance without overloading the brush drive system or other mechanical components.

ISI offers a wide variety of sweeping and scrubbing brushes to address specific floor cleaning applications. Genuine Weber brushes are available direct in the US, Canada and Mexico by calling 1-240-994-7154.



[www.isi-na.com](http://www.isi-na.com)

Customer Service - Technical Support - Orders : please call 240-994-7154