

# FME AREA PRODUCT SOLUTIONS



Removing gasket material from a pipe flange.

In nuclear power plants, Foreign Material Exclusion (FME) programs may limit or even exclude the use of wire brushes in some areas during the performance of routine maintenance, repair or shut-down activities. Weiler has developed a FME-compliant tooling system to address the needs of plant operators and maintenance contractors working in these facilities as well as other industries where the potential introduction of broken wire filaments may be of concern. Weiler's FME Solutions program is a complete system consisting of non-wire brushing tools designed to perform a broad range of surface cleaning and preparation applications.

**BLACK NYLOX® CERAMIC BRUSHES** - The engineered ceramic grain in Weiler's Black Nylox filament is up to 400% more aggressive than the silicon carbide and aluminum oxide grain in other abrasive filaments, making it much more effective in surface cleaning applications. The efficient cutting action of the Black Nylox filament also generates less heat and makes it much more resistant to "smearing" than traditional nylon abrasive filaments.



31112

**NARROW FACE WHEELS** - Crimped Ceramic Filament  
Used on edge for weld prep and cold weld cleaning.

Diameter	Filament Dia./Grit	Face Width	Arbor Hole	Max. RPM	Standard Pack	Item Number
4"	.055/80	1/2"	5/8"-11 Nut	4,800	5	31112
4"	.043/120	1/2"	5/8"-11 Nut	4,800	5	31111



86160

**CUP BRUSH** - Rectangular Ceramic Filament  
Used on its face for heavy-duty cleaning of broad surfaces.

Diameter	Filament Dia./Grit	Arbor Hole	Max. RPM	Standard Pack	Item Number
4"	.049 x .098 - 80 Grit	5/8"-11 Nut	4,800	1	86160



86148

**END BRUSH** - Crimped Ceramic Filament - 1/4" Stem  
For spot-facing or cleaning in tight areas.

Diameter	Filament Dia./Grit	Trim Length	Overall Length	Max. RPM	Standard Pack	Item Number
1"	.055/80	1/4"	3-3/32"	4,800	10	86148



86159

**CONTROLLED FLARE END BRUSH** - Crimped Ceramic Filament - 1/4" Stem  
For cleaning corners and tight areas.

Diameter	Filament Dia./Grit	Trim Length	Overall Length	Max. RPM	Standard Pack	Item Number
1"	.035/80	1-1/8"	2-1/2"	4,800	10	86159



86171

**CONFLEX BRUSHES** - Crimped Ceramic Filament - 1/4" Stem  
For O.D. and I.D. cleaning in confined areas.

Diameter	Filament Dia./Grit	Face Width	Trim Length	Max. RPM	Standard Pack	Item Number
3"	.043/120	1"	15/16"	4,800	10	86171
3"	.055/80	1"	15/16"	4,800	10	86172



44144



95016

**HAND SCRATCH BRUSHES** - Crimped Ceramic Filament - For general purpose, light-duty cleaning.

Overall Length	Block Type	Brush Part	Grit Size	Trim Length	Standard Pack	Item Number
10"	Wood	5"	80	3/4"	12	44144
8-3/4"	Wood	2 x 9 Rows	120	5/8"	36	95016

## NOTE

Nylon abrasive filament brushes require a lower operating RPM than most other power tool accessories and they cannot be used effectively on standard grinders.