

To assist you in choosing an Abrasive for various ANCHOR PATTERNS, use the following chart as a general guide. See notations below.

**\*ABRASIVE TYPES AND MESH SIZES THAT ARE AVAILABLE IN MOST AREAS\***

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**\*ABRASIVE ABRASIVE MESH SIZES REQUIRED TO PRODUCE THESE MILS OF ANCHOR PATTERN\***

TYPE & HARDNESS	½ MIL	1 MIL	1½ MILS	2 MILS	2½ MILS	3 MILS	4 MILS
SILICA SAND 5-6 MOHS	80/120	30/50	20/40	16/30	12/25	10/20	8/16
MINERAL SANDS 7 MOHS	90	80	55	-----	-----	-----	-----
INDUSTRIAL GARNET 7-8 MOHS	100	80	60	40	36	24	16
FLINT 6½-7 MOHS	-----	30/60	20/50	16/35	10/30	8/25	6/20
BOILER SLAGS 7 MOHS	-----	50/100	40/70	30/60	20/40	16/30	12/20
COPPER/NICKEL SLAGS 7-7½ MOHS	-----	70/100	60/80	40/80	30/50	20/40	16/30
ALUMINUM OXIDE 8 MOHS	Due to the cost per ton, ALUMINUM OXIDE should only be used in an enclosed Blast Room or Blast Cabinet where it can be contained, recycled and reused.						
	120	80	54	40	36	24	16
SILICON CARBIDE 9 MOHS	SEE ALUMINUM OXIDE FOR REUSE DATA.						
	150	100	80	54	40	36	30
NUT SHELLS 3-3½ MOHS	NUT SHELLS are generally used for Cleaning or Deburring, not for ANCHOR PATTERNS. They should be used in Blast Rooms or Cabinets so they can be contained, recycled and reused.						
	35/60	14/30	6/10	-----	-----	-----	-----
PLASTIC GRIT 3-4 MOHS	PLASTIC GRIT is generally used to remove paint, etc. off delicate surfaces such as Aircraft, Fiberglass, etc. with NO ANCHOR PATTERN. AVAILABLE IN 12/16, 16/20, 20/30, 30/40, 40/60, and 60/80 MESH Sizes, 3-3½-4 MOHS						
CORN COBS 4½ MOHS	CORN COBS will develop Minor ANCHOR PATTERNS, but are generally used to CLEAN delicate surfaces like Electric Motors, Brick & Stone, Wood, etc. Available in 6/10, 8/12, 12/20, 14/30, 18/40, 35/60 and 40/100 MESH						
GLASS BEADS 5-6 MOHS	GLASS BEADS should be used in Blast Rooms or Cabinets so they can be contained, recycled and reused. These Round Balls of glass produce a Satine or Matte finish. Available in MESH Sizes from Course (20/30) to Super Fine (170/325).						
CHILLED IRON & STEEL GRIT 40-68 Rc	CHILLED IRON & STEEL GRIT should only be used in enclosed Blast Rooms or Cabinets so they can be contained, recycled and reused. The LEAST expensive abrasive available if the correct facilities can be provided.						
	G-200	G-120	G-80	G-50	G-40	G-25	G-16
CHILLED IRON & STEEL SHOT 40-68 Rc	CHILLED IRON & STEEL SHOT are round abrasives and generally used in automatic Blast Cleaning facilities using CENTRIFUGAL WHEELS to propel them against a surface. Can be used in other types of facilities. We will only list the available sizes as many factors need to be considered in their use. From S-780 Course to S-70 Fine.						

\*The above recommendations are based on using a Constant Air Pressure of 90-95 PSI nozzle pressure, using a Long Venturi Blast Nozzle held 18-24" from the surface and at an 85-90° angle to the workpiece on MILD STEEL products. The ANCHOR PATTERN produced on Harder Metals will be less unless Air Pressure and/or Abrasive Mesh sizes are adjusted.