

3M Sanding Sheet Comparison



	Aluminum Oxide	Garnet	Wetordry™	Emery Cloth	3M™ PRO GRADE PRECISION™ with NO-SLIP GRIP™ Backing	3M™ PRO GRADE PRECISION™ Ultra Flexible Sanding Sheets and Roll	Sanding Tool	Premium Sanding Tool
Application	All purpose	Woodworking	Wet/dry sanding	Metal polishing	Premium all purpose	Contour and detail sanding	All purpose	All purpose
Mineral	Aluminum oxide	Garnet	Silicon carbide	Emery	3M proprietary precision-shaped ceramic	Premium aluminum oxide	Use with any 3 2/3" x 9" sheet	Use with any 3 2/3" x 9" sheet
Mineral Description	Synthetic mineral <i>hard and tough</i>	Natural mineral <i>medium hardness</i>	Synthetic mineral <i>very hard</i>	Natural mineral <i>medium hardness</i>	Premium ceramic mineral <i>tougher and harder than aluminum oxide</i>	Premium synthetic mineral <i>more durable than standard aluminum oxide</i>	NA	NA
Use	Paint, wood and metal	Bare wood	Between coats of paint or varnish	Light rust removal and cleaning	Paint, wood and metal	Paint, wood and metal	Flat sanding applications	Flat sanding applications
Features	Paint and rust removal	Surface preparation	Can be used for WET or DRY sanding	Light-duty metal polishing	3M proprietary precision-shaped ceramic mineral, uniform construction, lasts 10X longer*, anti-clog coating, NO-SLIP GRIP™ Backing	3M proprietary construction lasts 15X longer* with anti-load coating and urethane backing	Allows for better sanding control	Ergonomic comfort handle that rotates 360 degrees
Benefits	Long life and aggressive cut	Mineral fractures creating new cutting edges	Provides moisture and humidity resistance	Cloth-backed sandpaper	Extreme stock removal in coarse grades, great leveling and finishing properties in medium and fine grades, won't slip or slide, reduced hand fatigue	Can be folded, rolled, shaped or twisted; innovative backing resists punctures, tears and creases; use wet or dry	Use for small to medium surface area sanding	Use for medium to large surface area sanding

*Based on backing life during hand sanding when compared to 3M conventional sandpaper of comparable grit.

