

# 3M Sanding Sheet Comparison



	Aluminum Oxide	Garnet	Wetordry™	Tri-M-ite™ Fre-Cut™	Emery Cloth	3M™ PRO GRADE with NO-SLIP GRIP™ Backing	3M™ PRO GRADE PRECISION™ with NO-SLIP GRIP™ Backing	3M™ PRO GRADE PRECISION™ Ultra Flexible Sanding Sheets and Rolls
<b>Application</b>	All purpose	Woodworking	Wet/dry sanding	Finishing	Metal polishing	Premium all purpose	Premium all purpose	Contour and detail sanding
<b>Mineral</b>	Aluminum oxide	Garnet	Silicon carbide	Silicon carbide	Emery	Premium aluminum oxide	3M proprietary precision-shaped ceramic	Premium aluminum oxide
<b>Mineral Description</b>	Synthetic mineral hard and tough	Natural mineral medium hardness	Synthetic mineral very hard	Synthetic mineral very hard	Natural mineral medium hardness	Premium synthetic mineral more durable than standard aluminum oxide	Premium ceramic mineral tougher and harder than aluminum oxide	Premium synthetic mineral more durable than standard aluminum oxide
<b>Use</b>	Paint, wood and metal	Bare wood	Between coats of paint or varnish	Paint, sealer or primer	Light rust removal and cleaning	Paint, wood and metal	Paint, wood and metal	Paint, wood and metal
<b>Features</b>	Paint and rust removal	Surface preparation	Can be used for WET or DRY sanding	Anti-load coating sandpaper	Light-duty metal polishing	3M proprietary construction lasts 7X longer* with anti-load coating and NO-SLIP GRIP™ Backing	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
<b>Benefits</b>	Long life and aggressive cut	Mineral fractures creating new cutting edges	Provides moisture and humidity resistance	Non-loading dry sanding	Cloth-backed sandpaper	Won't slip or slide, proven reduced hand fatigue, rinse and reuse	Extreme stock removal in coarse grades, great leveling and finishing properties in medium and fine grades, won't slip or slide, reduced hand fatigue, rinse and reuse	Can be folded, rolled, shaped or twisted; innovative backing resists punctures, tears and creases; use wet or dry

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

