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- Fast cutting silicon carbide delivers exceptional finishes
- Load-resistant coating and open coat construction minimize loading for better finish and longer abrasive life
- Silicon carbide is ideal for general purpose sanding on wood, metal, plastic, dry wall, fiberglass, glass and ceramic
- Light A-weight paper backing has excellent conformability

[View all details](#)

Specifications

Backing Material	Paper
Backing Weight	A Weight
Brand	3M™
Converted Form	Sheet
Grade	400
Length	11 Inch
Mineral Type	Silicon Carbide
Product Form	Sheet
Width	9 Inch
Width (Metric)	228.6 mm

Product Details

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- Load-resistant coating and open coat construction minimize loading for better finish and longer abrasive life
- Silicon carbide is ideal for general purpose sanding on wood, metal, plastic, dry wall, fiberglass, glass and ceramic
- Light A-weight paper backing has excellent conformability
- Great for contour sanding

One of our best paper-backed sheets, our 3M™ Paper Sheet 405U is a silicon carbide sheet constructed on an A-weight, light paper backing. It features a load-resistant coating and open coat construction.

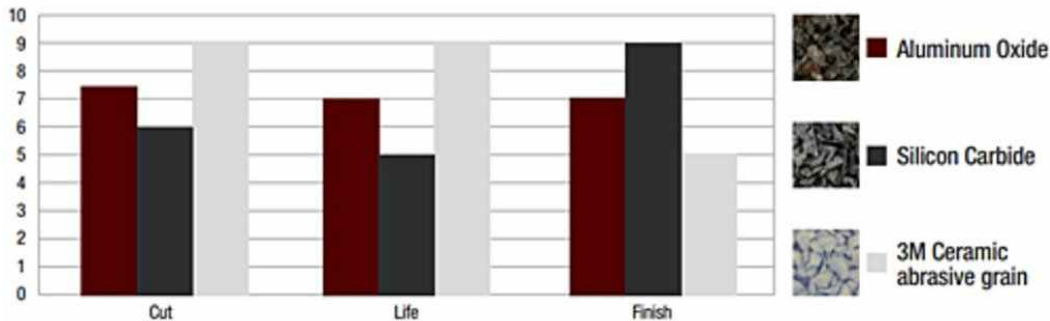
Extra Fine and Indispensable

Few shops can do without abrasives in handy sheet form, and our 3M™ Paper Sheet 405U is built to be indispensable. A flexible A-weight paper backing provides excellent conformability and silicon carbide abrasive mineral delivers exceptional finishes.

Our silicon carbide abrasive sheets create a smoother finish than aluminum oxide products on most substrates. While it breaks down faster than aluminum oxide, it produces a superior finish. A resin bond

construction provides superior grain retention while the open coat construction, along with the load-resistant coating, combine to provide excellent anti-loading characteristics.

These versatile sanding sheets contain the ideal abrasive grain type and grades for multi-step finishing processes.



Paper Backing for Conformability to Contours

The light A-weight backing provides conformability over contours and into crevices and corners. The sheet can also be easily cut to fit a hand pad block, [inline sander](#), or [finishing or power sanders](#). Other applications include general sanding, finishing, blending, surface leveling, prep prior to staining/painting and scuff sanding between coatings.



Silicon Carbide is a hard mineral, yet fractures easily to provide a sharp edge

[See More 3M™ Abrasive Accessories](#) (PDF, 4.29 Mb)

Recommended Applications

Silicon carbide is a synthetic mineral that is very sharp and commonly used for final finishing in white wood sanding.

It is ideal for general purpose sanding on wood, metal, plastic, dry wall, fiberglass, glass and ceramic materials as well as contour blending.

Learn More about 3M™ Products for:

- [Woodworking](#) (PDF, 20.55 Mb)
- [Metalworking](#) (PDF, 73.23 Mb)