



## Diamond Cloth 651WY and Diamond Polishing Cloth 652WY

The faster cut and finer finish of premium graded diamond — without the premium price.



Redesigned with a higher diamond concentration and a longer-lasting resin system, 3M™ Diamond Cloth 651WY and Diamond Polishing Cloth 652WY help optimize cost-effectiveness in your finishing operations. These products consist of micron-graded diamond particles bonded to a durable cloth backing. Diamond Cloth is available in a wide range of grades. A choice of sheets, discs, belts, and rolls let you work with a wide variety of tools.

Compared to bonded wheels and conventional abrasives, 3M Diamond Cloth can provide...

- Superior finish
- Fewer steps
- Reduced process time
- Longer life

The water-resistant backing performs well in both wet and dry applications. And the products' overall toughness makes them ideal for many hard-to-finish materials:

- Precious/semi-precious stones
- Thermal spray parts
- Ceramics
- Decorative glass
- Composites
- HVOF coatings
- Chilled iron
- Rubber
- Non-ferrous metal
- Engineered stone

# When you need a diamond abrasive, 3M makes the grade.

## 3M™ Diamond Cloth 651WY

Micron-graded diamond particles affixed to a durable cloth backing with a tough resin bond. Available in 9-165 micron grades.

## 3M™ Diamond Polishing Cloth 652WY

Micron-graded diamond particles encapsulated in a ceramic bead and resin-bonded to a durable cloth backing. Designed for use on materials harder than 7 on the Mohs scale (800 Knoop). Available in 0.5, 3, and 6 micron grades.

## Attachment Systems

3M™ Diamond Cloth 658WY and Diamond Polishing Cloth 656WY discs and sheets are available with pressure sensitive adhesive (PSA) or quick release system (QRS) backings. The QRS attachment system is recommended for applications requiring the disc or sheet to be removed and replaced during use.

### Belt sizes

Maximum width: 12"  
 Minimum width: 1/4"  
 Maximum length: 183"  
 Minimum length: 9-7/16"

### Disc sizes

Maximum: 12"  
 Minimum: 1/2"



## AVAILABLE GRADES

3M™ Diamond Cloth 651WY		3M™ Diamond Polishing Cloth 652WY	
Mesh	Micron	Mesh	Micron
100	165	3000	6
120	125	8000	3
220	70	50,000	0.5
400	45		
600	30		
1200	15		
1800	9		

*3M™ Diamond Cloth 658WY and Diamond Polishing Cloth 656WY with PSA and QRS backings are available in all grades.*



### Superabrasives and Microfinishing Systems Division

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