

# Scotch™ brand No. 361 Glass Cloth Tape



## Technical Data

### SCOTCH BRAND NO. 361 GLASS CLOTH TAPE

**DESCRIPTION:** A thermosetting adhesive glass cloth tape designed specifically for applications requiring high temperature resistance, high adhesion, and a very strong backing.

**TYPICAL PHYSICAL PROPERTIES:** Not Recommended for Specification Purposes

		<u>ASTM METHOD</u>
Adhesion to Steel:	38 oz./in. width (42 N/100mm)	<b>D-3330</b>
Tensile Strength: (Bleak)	170 lbs./in. width (2977 N/ 100mm)	<b>D-3759</b>
Elongation: (Bleak)	7%	<b>D-3759</b>
Backing Thickness:	5.0 mils (.13mm)	<b>D-3652</b>
Total Tape Thickness:	5.8 mils (.17mm)	<b>D-3652</b>

### GENERAL INFORMATION:

1. It will withstand intermittent temperatures up to 500°F(288°C) or higher, depending upon the type and duration of the heat source.
2. Continuous exposure to temperatures above 450°F(232°C) will gradually deteriorate the adhesive and darken the glass cloth backing.
3. No. 361, when cured at high temperatures, has excellent resistance to solvents. A 24 hour cure at 500°F(260°C) produces maximum solvent resistance.
4. Shelf life aging is excellent for one year under normal storage conditions.
5. On-the-job aging is essentially permanent if the above temperature limitations are not exceeded.

### POSSIBLE USES:

All high temperature applications requiring high tensile strength and good holding power.  
Permanent sealing of high temperature ducts of chambers.

As a back-up strip for submerged arc welding.

Applications requiring heat treatment followed by clean removal of the tape with little of no stain.

# Scotch™ brand No. 361 Glass Cloth Tape

## Page 2

### FEATURES

Glass-cloth

Silicone adhesive

### ADVANTAGES

High temperature performance

High tensile strength

Conformable

High temperature performance

Long aging

Good holding power

### BENEFITS

Provides permanent seal

High productivity

---

**Important Notice:** All statements, technical information and recommendations herein are based on tests and data we believe to be reliable. But the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties. Expressed or implied, including the implied warranties of merchantability and fitness for purpose. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. NEITHER SELLER NOR MANUFACTURER SHALL BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY LOSS OR DAMAGE, DIRECT, INCIDENTAL, OR CONSEQUENTIAL, ARISING OUT OF THE USE OF OR THE INABILITY TO USE THE PRODUCT. No statement or recommendation not contained herein shall have any force of effect unless in an agreement signed by officers of seller and manufacturer.

70-0703-0611-6

"Scotch" is a trademark of 3M

© 3M 1989

Litho in USA with 3M offset plates, film and proofing systems.

---

## 3M Industrial Tape Division

3M Center Bldg. 220-8E-04  
St. Paul. NM 55411-1000

