



Glass Cloth Tape

361

Technical Data

March, 2014

Product Description 3M™ Glass Cloth Tape 361 is coated with a silicone adhesive for many applications requiring high temperature resistance, high adhesion and a very strong, abrasion-resistant backing.

| Product Construction | Backing | Adhesive | Color | Standard Roll Length | Standard Widths |
|----------------------|-------------|----------|-------|----------------------|---|
| | Glass cloth | Silicone | White | 60 yds. (55 m) | 1/2, 3/4, 1, 1 1/2, 2, 3 in. (13, 19, 25, 38, 50, 75 mm) |

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

| | | ASTM Test Method |
|------------------------|------------------------------------|------------------|
| Adhesion to Steel: | 38 oz./in. width (42 N/100 mm) | D-3330 |
| Tensile Strength: | 146 lbs./in. width (2555 N/100 mm) | D-3759 |
| Elongation at Break: | 9% | D-3759 |
| Backing Thickness: | 5.0 mils (0.13 mm) | D-3652 |
| Total Tape Thickness: | 6.4 mils (0.16 mm) | D-3652 |
| Temperature Use Range: | -65° to 450°F (-54° to 232°C) | |

Features

- Can be certified to meet F.A.R. 25.853, flame resistant specification.
- Can withstand intermittent temperatures up to 550°F (288°C) or higher, depending upon the type and duration of the heat source.
- Continuous exposure to temperatures above 450°F (232°C) will gradually degrade the adhesive causing loss of tape adhesion and darken the glass cloth backing.

Application Ideas

- High temperature applications requiring high tensile strength, good holding power and abrasion resistance.
- Permanent sealing of high temperature ducts or chambers.
- As a back up strip for submerged arc welding.
- Applications requiring heat treatment followed by clean removal of the tape with little or no stain.

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Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 50% R.H. in the original carton.

Shelf Life To obtain best performance, use this product within 24 months from date of manufacture.

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