

# #4818SI

## PERFORMANCE GRADE TEFLON PTFE FIBERGLASS CLOTH TAPE

## QRAMO MATERIALS TECHNICAL DATA SHEET

### DESCRIPTION

A brown coloured woven glass cloth impregnated with polytetrafluoroethylene (PTFE) and coated with a high grade of silicon adhesive, creating a tape which provides a slick non-stick surface on process machinery and offers an extremely low coefficient of friction that performs at elevated temperatures. The glass cloth reinforced backing provides greater tensile strength than typical PTFE film backed tapes. #4818SI is excellent in resisting chemicals and performs well in many humid environments as it has very low moisture absorption.

### PRODUCT APPLICATIONS

Easy-release, low friction surface on heat sealing and packaging equipment; Mould release surface in composite bonding; Lining conveying chutes, troughs and ducts; Covering rollers, drums, turnbars & formers on stitchers, binders and other process machinery; High temperature bundling, Barrier for the separation of dissimilar parts.



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### NOMINAL VALUES

The following data are based on nominal values based on PSTC, ASTM and other industry standard tests. The data should not be considered as specifications.

<b>Backing</b>	PTFE Glass Cloth
<b>Adhesive</b>	Silicone
<b>Total Thickness</b>	0.180mm
<b>180 °Peel Adhesion (SUS) ASTM D-3330</b>	9.80 (N/25mm)
<b>Tensile Strength (at break) ASTM D-3759</b>	500 (N/25mm)
<b>Elongation (at break) ASTM D-3759</b>	5%
<b>Temperature Range (Operating)</b>	-73°C to +260°C (-99°F to +500°F)
<b>Colour</b>	Brown



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