



Zialoc ZPTFE Premium - PTFE Coated Glass Cloth Tape

Zialoc ZPTFE Premium comes with an industrial grade fiberglass fabric impregnated with Polytetrafluoroethylene (PTFE) dispersion and coated with a pressure sensitive silicone adhesive that can sustain high heat ranges as noted in this data sheet.

Features/Benefits:

Zialoc ZPTFE Premium is a very durable and versatile product. The combination of PTFE, fiberglass and high heat silicone adhesive ranges as noted in this data sheet intends Zialoc ZPTFE Premium to perform in continuous temperatures up to 260°C (500°F). Zialoc ZPTFE Premium is dimensionally stable and resistant to tears, punctures, abrasion and wear. It will not “cold flow” under heavy loads.

Availability:

Zialoc ZPTFE Premium is available in 6 mil thickness (additional thicknesses available upon request) and widths from 6.35 to 991 mm (0.25 to 39 in). Standard roll length is 16 or 33 m long (18 or 36 yd). Zialoc ZPTFE Premium is available with or without a liner.

Applications:

Zialoc ZPTFE Premium is frequently used by the packaging industry as a release surface on heat sealers, blister formation and form-fill-seal equipment. The durability and anti-stick properties of Zialoc ZPTFE Premium also make it an ideal material for the lining of guide rails, chutes and slides. The capabilities of high heat ranges as noted in this data sheet and non-stick properties of Zialoc ZPTFE Premium intend it to perform as an excellent release

Zialoc ZPTFE Premium Properties

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

ZIALOC ZPTFE PREMIUM	
Backing Material	Industrial Grade PTFE Coated Fiberglass Fabric
Adhesive Type	Silicone
Total Thickness mm (mil)	0.211 (8.3)
Backing Thickness mm (mil)	0.152 (6.0)
Adhesive Thickness mm (mil)	0.058 (2.3)
Adhesion to Steel N/cm (oz/in)	7.1 (65)
Elongation (% at break)	<5
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)
Color	Brown