

# DuraSeal® 8015

## PTFE COATED GLASS CLOTH TAPES

Saint-Gobain Performance Plastics DuraSeal® 8015 a fiberglass fabric impregnated with Polytetrafluoroethylene (PTFE) dispersion and coated with a high temperature, pressure-sensitive silicone adhesive.

### Typical Properties

Product Number	8015-03	8015-05	8015-06	8015-10
Backing Material	PTFE Coated Fiberglass Fabric	PTFE Coated Fiberglass Fabric	PTFE Coated Fiberglass Fabric	PTFE Coated Fiberglass Fabric
Standard Width (in.)	39	39	39	48
Adhesive Type	Silicone	Silicone	Silicone	Silicone
Total Thickness (in.)	.005	.007	.008	.011
Backing Thickness (in.)	.003	.005	.006	.009
Adhesive Thickness (in.)	.002	.002	.002	.002
Adhesion to Steel (oz./in.)	45	55	55	70
Taber Abrasion (cycles/yd. <sup>2</sup> )	5,100	8,700	10,200	12,300
Tear Strength (lbs.)	2.0	2.7	2.7	4.4
Tensile Strength (lbs./in.)	90	180	180	250
PTFE Coating Weight (lbs./yd. <sup>2</sup> )	0.27	0.50	0.58	0.91
Smoothness (micro in.) (lower number is smoother)	105	35	35	35
Operating Temperature (°F)	-100 to 500	-100 to 500	-100 to 500	-100 to 500

Values shown are typical. Certified test reports for writing specifications are available.

**Applications**—Saint-Gobain Performance Plastics DuraSeal® 8015 is frequently used by the packaging industry as a release surface on heat sealers, blister packaging and form-fill-seal equipment. The durability and anti-stick properties of DuraSeal® 8015 also make it an ideal material for the lining of guide rails, chutes and slides. The high temperature capabilities and non-stick properties of DuraSeal® 8015 allow it to perform as an excellent release surface in the composite aircraft industry.

**Features/Benefits**—DuraSeal® 8015 is a very durable and versatile product. The combination of PTFE, fiberglass and a high temperature silicone adhesive allows DuraSeal® 8015 to perform in

continuous temperatures up to 500°F. DuraSeal® 8015 is dimensionally stable and resistant to tears, punctures, abrasion and wear. It will not “cold flow” under heavy loads.

**Availability**—DuraSeal® 8015 is available in 3, 5, and 6 mil thicknesses and widths from 1/4" to 39" wide while 10 mil is available up to 48 inches wide. Standard roll length is 36 yards long. DuraSeal® 8015 is available with or without a liner. Custom configurations are available upon request.

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