

Non-yellowing polyurethane protection tape with a long ageing adhesive system for high impact applications where anti-aging is required.

Designed to combine durability with extreme clarity to ensure high levels of performance. Ideal for applications where good weatherability and is necessary. Also protects against Corrosion and Erosion.

Physical Properties

	5017	5021	5035
Carrier	Polyurethane Film	Polyurethane Film	Polyurethane Film
Adhesive	Solvent Acrylic	Solvent Acrylic	Solvent Acrylic
Thickness	0.17mm	0.21mm	0.35mm
Backing Liner	50µ PET Film	50µ PET Film	50µ PET Film
Master Roll Dimensions	1525mm x 33m	1525mm x 33m	1525mm x 33m

Polyurethane Film Performance Data

Property	Method	Average Result using 5035
Shore Hardness A	ASTN D2240	85-90
Tensile Strength	ASTM D412 Die C 500mm/min @23±2°C and 50±10%RH	60.8 MPa / 8818 psi
Elongation at Break	ASTM D412 Die C 500mm/min @23±2°C and 50±10%RH	345%
Tear Strength (Angle Tear)	ASTM D624 - Type C 500mm/min @23±2°C and 50±10%RH	89.6 N/mm
Taber Abrasion	ISO 5470-1—CS17 Wheel 1000g	0.036 mg/1000cycles

Pressure Sensitive Adhesive Data (Peel & Shear)

Surface Material	Test Method	20min - 23°C 50% RH	24h - 23°C 50% RH
Stainless Steel	Peel FINAT 1 - Unit N/25mm	13.8	15.6
Aluminium	Peel FINAT 1 - Unit N/25mm	11	12.9
Glass	Peel FINAT 1 - Unit N/25mm	14.1	13.8
Stainless Steel	Shear FINAT 8	-	>300h

Service Temperature - 40°C to + 120°C Application Temperature 20°C to 40°C Shel-Life 12 months when stored at room temperature