

TECHNICAL DATA SHEET



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PRODUCT

Trimweld HTGP

Product Description

NovaBond XS110HTGP is a grey foamed acrylic tape with an easy release white paper liner. The product utilises the latest high strength, solvent free technology to satisfy the demanding criteria of the signmaker and other industries requiring critical, consistent, and reliable performance. With excellent holding power and temperature resistance, it can withstand extremes of heat, ideal for the powder coating process.

Product Specification

Colour – Grey
Carrier – Acrylic Foam
Liner – White Paper
Thickness – 1.1mm (±10%)
Length – 33m
Standard Roll Dimensions – 12, 19, 25mm
Logs – 930mm

Product Benefits

- High tack and initial bond strength improving process efficiency
- Easy release double sided siliconised liner to speed up assembly
- Incredibly high bond strength for peace of mind
- Withstands extremes of temperature, water, most solvents and chemicals, differential expansion and contraction and high forces applied to the bond providing superior durability, longevity and exterior performance.
- Suitable for powdercoat process

Best Practice

Where possible, and aesthetics allow, always abrade the surface to provide a 'key'. This can increase the ultimate bond strength by as much as 35%. Clean with **NovaBond Surface Cleaner** and prime with the relevant **NovaBond Surface Primer**. Independent tests at Loughborough University have shown the correct primer to increase the ultimate bond strength by up to 50%.

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180° Peel Adhesion		
	SUS	3000
	Aluminium	3300
	ABS	2100
Dynamic Shear		6
T-Block		8
Static Shear		
	23°C	1000g
	150°C	500g
Heat/ Temperature Resistance		
	Short Term	230°C
	Long Term	150°C
UV Resistance		+
Chemical Resistance		+

	90° Adhesion ASTM D 3330	Dynamic Shear ASTM D 1002	T-Block ASTM D 897	Static Shear ASTM D 3654	Short/Long term
Substrate	As indicated	SUS	SUS	SUS	SUS
Speed/Load	300mm/min	200mm/min	12.7mm/min	-	100g/250g
Tape size	10mm	1.0cm ²	6.45cm ²	3.23cm ²	3.23cm ² /6.45cm ²
Spec in	-	-	-	7days	4hours/7days
Unit	gf	kgf/cm ²	kgf/cm ²	°C,g	°C

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