



QT910 H/T

High Temperature Double Sided Polyester Tape

QT910 H/T - Transparent tape with a very high tack solvent acrylic adhesive used in a wide range of industries for its uncompromising performance and very good load bearing characteristics. Bonds aggressively to plastics, flexible PVC, glass, metal, aluminium, ceramics, styrene boards, painted surfaces and hard to bond low surface energy substrates. The combination of the high-grade solvent acrylic adhesive and polyester carrier allows for extreme temperature tolerances along with very good resistance to plasticiser migration. They also exhibit a very high tolerance to UV and ageing and can be used for external bonding applications lasting many years. They are commonly used in high stress applications for bonding trims and mouldings in the automotive, marine and aerospace industries and are also extensively used in sign manufacturing and shop fitting.

High Temperature Resistance

Tested by bonding two pieces of aluminium and placing through a powder coating oven at 195.1°C. 10kg weight was then applied for a 48 hour period to prove bonding. Use of QT923 Multi-prep Surface Cleaner SX100 adhesion promoter recommended to achieve maximum results.

Prior to application the surface should be made dry and free of any dirt, dust and grease. Use sufficient pressure over the whole surface at room temperature to ensure maximum adhesive contact



Trials carried out February 2022

Product	Double-Coated Tape
Liner	Translucent Red MOPP Liner
Carrier	Transparent Polyester with thickness of 0.0205mm
Adhesive	Solvent acrylic, pressure sensitive
Description	This tape has a strong Polyester carrier with a high tack solvent acrylic adhesive giving it excellent holding power and adhesion. Good resistance to weather conditions, UV, plasticizers and ageing.
Range of application	Suitable for numerous fixing applications such as in glass and clear plastic sheet, sign assembly, styrene board mounting, PVC extrusions and PVC sheet materials such as in banner hemming.
Application temperature	18°C - 25°C; R.H. 55%±10%

Total Thickness	0.215mm – 0.225mm		
Coating Thickness (Side A/B)	0.095mm--0.100mm		
Temperature resistance	-30°C to +205°C		
Initial Tack (Side A/B) (PSTC-6 #14 ball)	< 5 cm		
Holding Power (Side A/B) (PSTC-7)	> 24 hrs 1 kg/2.5cmx2.5cm		
Holding Power for temperature resistance 60°C (PSTC-7)	> 24 hrs 0.5kg/2.5cmx2.5cm		
Adhesion (Side A/B) (PSTC-1)	g/25mm	oz/inch	N/25mm
	>2500	>88.19	>24.4
Solvent resistance	Good		

