

RH Nuttall Limited

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Material Specification Sheet

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RHN 46A



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FT349 Double Coated Polypropylene Tape (High Tack)

General Information

A double coated polypropylene tape designed specifically for bonding to low density synthetic foams.

Features

Extremely high tack adhesive.
High coat weight of adhesive.
Strong yet conformable plastic carrier.
Easy release liner.

Benefits

Provides excellent initial adhesion to a wide variety of substrates.
Good bonding to uneven surface.
Provides excellent dimensional stability.
Reinforcement of flexible substrates.
Improves die cutting efficiency.
Facilitates easy removal at point of application.

Applications

General purpose foam bonding where elevated temperature performance is not required e.g. gaskets, sound deadening and insulation materials.
Ideal for rough uneven surfaces.
Suitable for porous surface e.g. cork and felt.
Designed for lower density weaker foams e.g. 30kg/m³ polyethylene.

Physical Properties	Typical Values
Thickness	*ATM.7
Adhesive and carrier	140 microns
Liner	85 microns
Total	225 microns

Adhesion (180° peel) N/m*ATM.1-PSTC.1	20 mins	24 hours
Stainless Steel	980	990
Polycarbonate	920	930
Painted Steel	960	960
Rigid Polypropylene	740	770

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied



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Shear Resistance ATM.2 – FINAT.8 – PSTC.7	
Static – 1000g/25mmx25mm	110ks

Temperature	
Application (min)	+10°C
Service (cont.)	-40°C to +55°C
Short term	+80°C

Other Properties	
Tack (finat) ATM.8 – FINAT.9	1600N/m
Elongation	70% ATM.13
Tensile Strength	1.5 kN/m ASTM D882

Construction	
Adhesive	Permanent synthetic rubber resin adhesive typified by an extremely high tack, moderate shear and high peel adhesion.
Liner	Blue-green super calendared glassine.
Carrier	Transparent polypropylene film.
Surface Preparation	It is essential, as with all pressure sensitive tapes, that the surface to which the tape is applied be clean, dry and free of grease and oil.
Storage and Shelf Life	The shelf life of the product is two years when stored at 21°C, 50 % relative humidity and out of direct sunlight, in original packaging.

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