



TECHNICAL DATA SHEET

166 DOUBLE-SIDED PET TAPE



Description

A hand-tearable polyester, coated on both sides with a high strength acrylic adhesive. Provides a strong adhesion with good wet-out to provide great bonding results to low surface energy or porous substrates. It is UV stable and will not yellow with age. Resists low temperatures and plasticisers.

Application

Permanent bonding for hard to bond surfaces, such as sail cloth and other fabrics, including PVC, acrylic, vinyl, and polyester. Can be used for splicing and joining a wide range of materials.

Widths Available

Any (cut to size)

Roll Length

33m

Colour

Transparent

Technical Data

Adhesive:	Acrylic adhesive (solvent based) coated on both sides
Carrier:	12µm hand-tearable PET film
Liner:	120 g/m ² PE laminated bleached kraft paper
Total thickness (no liner):	0.20mm ± 0.01 (PSTC-133)
Tack:	J. Dow No. 20
Loop tack:	4.0 kg/in (FINAT 9)
180° Peel adhesion:	Stainless steel: 3.0 kg/in (PSTC-101); Polypropylene: 2.1 kg/in (PSTC-101)
Shear strength:	>24h (with 1kg loading on 1" x 1" - PSTC-107)
Heat resistance:	>24h (with 0.5kg loading on 1" x 1" at 60°C)
Service temperature:	-40°C to 70°C

Surface Preparation

Clean surface thoroughly. When applying pressure sensitive adhesive tapes, do not touch adhesives, ensure that surfaces are free from oil or other surface contaminants such as powder, dust, or release agents.

Storage

Store in a cool, dry place and away from sunlight. We recommend you use our products within a year from purchase.