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Double Coated Tape With Thick PVC Film 55280

Technical Data

Oct, 2004

Product Description **55280:** 3M™ Double Coated Tape with a thick PVC film improved handling with ease of die cutting and laminating. The high tack adhesive provides relatively high initial adhesion and good shear holding power to a variety of surfaces, at the same time it has good vibrating resistance ability.

Construction

55280

Faceside ¹ Adhesive Type/Thickness:	Acrylate /0.0045"(0.114mm)
Backside ² Adhesive Type/Thickness:	Acrylate/0.0045" (0.114mm)
Liner Color, Type, Print	White, 55# PCK, No print
Liner Caliper:	0.003" (0.076mm)
Carrier Type:	Whit PVC ³ /0.004" (0.1mm)

Note 1: Faceside adhesive is on the interior of the roll, exposed when unwound.

Note 2: Backside adhesive is on the exterior of the roll, exposed when liner is removed.

Note 3: PVC (Poly vinyl chloride)

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Typical Physical Properties and Performance Characteristics

Note : The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Product Number	55280
Adhesion to stainless steel ASTM D3330-180 degree, 2 mil PET	Oz/in (N/100mm)
- No dwell RT	184(200)
Adhesion to other surfaces ASTM D3330 – 180 degree, 2 mil PET, 15 minutes RT	Oz/in (N/100mm)
ABS	184(200)
Polycarbonate	184(200)
Shear Strength – ASTM D3654 (1 inch ² sample size)	
1000grams at 72° F (22°C)	2000 minutes
Relative solvent resistance	Medium-Low
UV Resistance	Medium
Relative High Temperature Operating Ranges:	
Long Term (days, weeks)	80°C
Short Term (minutes, hours)	150°C
Shelf Life of Tape in Roll Form	24 months from date of manufacture when stored in original cartons at 70° F (21°C) and 50% relative humidity.