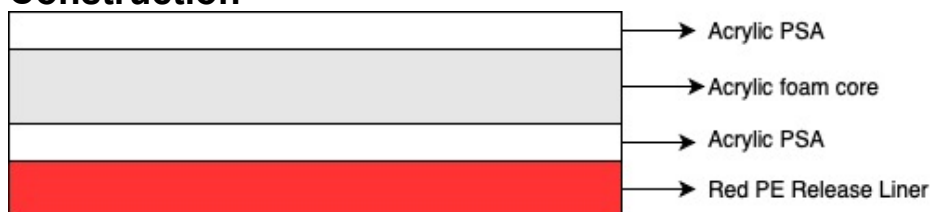


PRODUCT DATA SHEET SB6416

Description: SB6416 is double side coated acrylic foam tape. The adhesive system is a high performance acrylic adhesive. The product is designed to bond medium and high-energy surfaces where high transparency is required. This product is capable of absorbing differing thermal expansion rates of two different materials and has high impact resistance over a wide temperature range. Typical applications include use as a vibration dampener or as a sealant.

Construction



Feature and Benefits

- Excellent UV resistance and does not yellow
- Excellent long term aging
- Excellent plasticizer resistance
- Very good solvent resistance to most solvents
- Excellent heat resistance

Typical Properties (not to be used for specification purposes)

TEST	METHOD	VALUE (US)	VALUE (METRIC)
Thickness	PSTC-133	0.020"	0.508 mm
Density	ASTM-D792	56 lb/ft ³	897 kg/m ³
Peel Adhesion	ASTM D 3330	17 lb/inch	74.5 M/25 mm
Normal Tensile	ASTM 897	99 lb/in ²	703 kgf/m ²
Static Shear	ASTM 3654	78 lb/in ²	554 kgf/m ²
Heat Resistance (ST)		320°F	160°C
Heat Resistance (LT)		212°F	100°C

For maximum adhesion, bonding surfaces should be clean, dry, and free from grease and oils. The firmer the application pressure and the greater the contact area, the stronger the bond.

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