



3M™ Tabbing Tape 5699

Technical Data Sheet



General Description

3M™ Tabbing and Splicing Tape 5699 is designed for use with 3M™ Acrylic Foam and Acrylic Plus Tapes with silicone coated liners. It is a pressure sensitive adhesive backed film that provides a strong bond to the silicone liners of 3M Acrylic Foam and Acrylic Plus Tapes. This tape provides a reliable means of liner removal in a production environment. This tape provides high tack and good strength to liners and can be used for manual applications without special equipment. It consists of a silicone adhesive on a polyester backing.

Physical Properties and Typical Performance Characteristics

Adhesive	Silicone Type
Backing	Polyester Film, 0.051 mm (0.002 in)
Color	Clear/Transparent
Approximate Thickness	0.10 mm (0.004 in)
Tensile Strength, M.D. Break	18 kg/25 mm width (39 lbs/in) (1"/min. extension rate)
Elongation, M.D. Break	38% (1"/min. extension rate)
Adhesion to Si Coated GI-1 Liner	0.87 – 1.3 Kg/cm (1.0 – 1.5 lbs/in.) (T-Peel Mode @ 12"/min. after 24 hours RT dwell)

Roll Width and Length

3M Tabbing Tapes are available in standard widths up to a maximum of 1200 mm (48 in.) in increments of 3.2mm (1/8 in). Length tolerance on all widths is ± 0.8mm (1/32 in.).

Shelf Life

Two years from date of manufacture when stored in original cartons at 4 – 38°C and 0-95% relative humidity. Optimum storage conditions are 22°C (72°F) and 50% humidity.

Regulatory Information

To obtain published IMDS ID numbers, email requests to 3M-IMDSrequest@mmm.com.

Contact Information

The information provided in this technical document is intended as a guide for these products. For more information or help in selecting a 3M product for an application, please contact your 3M technical service representative or call 1-800-328-1684.

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