

June, 2009

3M™ Scotch® Filament Tape 8988

Product Description

Scotch® Filament Tape 8988 is a high-performance, packaging tape reinforced with continuous glass yarn filaments, which give the tape very high tensile strength. The adhesive is a very aggressive packaging adhesive, specially formulated to meet the high demands of sealing corrugated cartons, including those with high recycled content as used in today's packing materials.

Product Features

- 3M™Scotchpro™ film backing provides excellent abrasion and moisture resistance.
- Balanced adhesive characteristics.
- High shear adhesion.
- Exceptional initial adhesion.
- Excellent aging and long-term holding power.
- Tough film backing protects the filaments and adhesive to provide longer functional tape performance.
- Good handling characteristics, saves time through ease of dispensing and tape application.
- When printed, the tape provides advertising, warning, and labeling capability to be seen through the tape.
- High tensile strength combined with low stretch allows the use of less tape in many applications and lowers the cost per application.
- Good clarity of artwork and important messages even when covered by the tape.
- Good holding under wide range of application conditions with minimum amount of tape.
- Holds instantly with minimum rubdown.
- Boxes remain securely closed through normal warehouse time cycles.



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Technical Information Note

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

Typical Physical Properties

Property	Values		Method
Backing Color	Clear		
Total Tape Thickness	0.175 mm	6.9 mil	ASTM D3652
Backing	3M™ Scotchpro™ film		
Adhesive	Pressure sensitive synthetic rubber-resin		
Reinforcement	Glass yarn		

Typical Performance Characteristics

Peel Adhesion		
8.2 N/cm	82 N/100mm	75 oz/in

Property: Peel Adhesion
Method: ASTM D3330
Substrate: Stainless Steel

Tensile Strength		
665.5 N/cm	6655 N/100mm	380 lb/in

Property: Tensile Strength
Method: ASTM D3759

Elongation at Break: 3 %

Methods
ASTM D3759

Handling/Application Information

Application Techniques

An extensive line of application equipment including hand held manual dispensers and an automatic L-Clip applicator, the S857, is available. Application of Scotch® Filament Tape 8988 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes firm. Once applied, Scotch® Tape 8988 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

Storage and Shelf Life

Store behind present stock. Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40-50% relative humidity are recommended. Rotate your stock. To obtain best performance, use this product within 18 months from date of manufacture.

Trademarks

Scotch is a registered trademark of 3M.
3M, Scotchpro and 3M-Matic are trademarks of 3M.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/-/Scotch-Filament-Tape-8988?N=5002385+3293194091&rt=rud
Safety Data Sheet (SDS)	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=8988

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

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