

3M™ Tartan™ Strapping Tape 860

Last Revision Date: June, 2009





Product Description

The polypropylene backing of Tartan™ Strapping Tape 860 provides abrasion, moisture and scuff resistance. The adhesive is specifically formulated to provide good adhesion to metallic, plastic, fiberboard, and painted surfaces.


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	Additional Information
Backing	Monoaxial Oriented Polypropylene(MOPP)	
Adhesive Type	Pressure sensitive synthetic rubber resin	
Backing Color	Black	
Total Tape Thickness	2.8 mil (0.07 mm)	View 
Test Method: ASTM D3652		
Total Tape Thickness	0.07 mm	View 
Test Method: ASTM D3652		
Fiber Reinforcement	None	

Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	190 N/cm (1900 N/100mm)	View 
Test Method: ASTM D3759		

Tensile Strength	1900 N/100mm	View 
Test Method: ASTM D3759		
180° Peel Adhesion	4.9 N/cm (45 oz/in)	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	45 oz/in	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	49 N/100mm	View 
Test Method: ASTM D3330		
Substrate: Stainless Steel		
Tensile Strength	110 lb/in	View 
Test Method: ASTM D3759		
Elongation at Break	33 %	View 
Test Method: ASTM D3759		

Storage and Shelf Life

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

Tartan is a trademark of 3M.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~//Tartan-Strapping-Tape-860/?N=5002385+3293242196&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=860

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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