



Technical Data Sheet

3M™ Heavy Duty Duct Tape DT11

Product Description

3M™ Heavy Duty Duct Tape DT11 is an 11 mil duct tape with a natural rubber adhesive and water resistant polyethylene backing. It provides easy tear and good conformability. The natural rubber adhesive makes it a great choice for holding, seaming, sealing and packaging.

Product Features

- Aggressive natural rubber adhesive provides instant adhesion to a wide variety of surfaces including metal, glass, plastic, and sealed concrete.
- Woven cloth scrim allows the tape to tear easily by hand and provides ease of application and handling.
- Woven scrim provides high tensile strength which is ideal for bundling applications.
- Water resistant polyethylene backing
- Thick backing resists wear and light abrasion
- Roll sides are not tacky, keeping roll cleaner on the job site.
- Tested in accordance with UL 723 / ASTM E84






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	Polyethylene film over cloth scrim	
Adhesive Type	Synthetic/Natural Rubber blend	
Color	Silver and Black	
Total Tape Thickness (mil)	11 mil	View
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.27 mm	View
Test Method: ASTM D3652		

Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	50.8 N/cm	View 
Test Method: ASTM D3759		
180° Peel Adhesion	9.6 N/cm	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	88 oz/in	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
Tensile Strength (lb/in)	29 lb/in	View 
Test Method: ASTM D3759		
Elongation at Break (%)	19 %	View 
Test Method: ASTM D3759		

Available Sizes

Property	Values	Additional Information
Standard Roll Length	54.8, 22.9 m	
Standard Roll Length	60, 25 yd	

Storage and Shelf Life

Store under normal conditions of 60°F to 80°F (16°C to 27°C) and 40 to 60% R.H. in the original carton.
To obtain best performance, use this product within 12 months from date of manufacture.

Bottom Matter

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Trademarks

3M is a trademark of 3M Company.

Handling/Application Information

Application Examples

- Holding, Bundling, Seaming, Sealing and Packaging applications
- Hanging poly-drapes
- Marking and Labeling

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40071716/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=DT11

ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

Information

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