

April, 2014

3M™ General Purpose Vinyl Tape 764

Product Description

3M™ General Purpose Vinyl Tape 764 can be used in non-critical applications such as color coding, bundling and safety marking, etc.

Product Features

- While vinyl tapes resist most common solvents, care should be taken to avoid ketones, chlorinated hydrocarbons and esters found in lacquers, thinners, degreasers, paint strippers, etc., which may cause the backing to swell or curl.
- Pigmented vinyl backing to conform to many irregular surfaces.
- Rubber adhesive for good instant adhesion.



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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
Color	Yellow, white, red, black, blue, transparent, green, orange, purple, gray, brown		
Total Tape Thickness	0.125 mm	5 mil	ASTM D3652
Backing	Polyvinyl Chloride		
Adhesive	Rubber		

Typical Performance Characteristics

Property	Values		Method	Dwell/Cure Time	Substrate	Notes
180° Peel Adhesion	2.1 N/cm	18 oz/in	ASTM D3330	Initial	Stainless Steel	12 in/min (300 mm/min)
Tensile Strength	22.8 N/cm	208 oz/in	ASTM D3759			
Elongation at Break	180 %		ASTM D3759			
Temperature Use Range	16 to 29 °C	60 to 85 °F				

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Handling/Application Information

Application Ideas

- General purpose holding and color coding.
- Temporary marking of parts or machines.
- Protect parts, equipment or products from abrasion.

Application Techniques

- Best results are attained when applied to a clean, dry surface at temperatures between 60° to 80°F (16° to 27°C).

Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton. Metric UOM
To obtain best performance, use this product within 18 months from date of manufacture. Metric UOM

Conditions

Temp F: Temp F

Environmental Condition: Environmental Condition

Test Condition: Test Condition

Width: Width

Substrate: Substrate

Substrate Notes: Substrate Notes

Surface Preparation: Surface Preparation

Methods

ASTM Name

Trademarks

3M is a trademark of 3M Company.

References

Property	Values	Method
3m.com Product Page	https://www.3m.com/3M/en_US/company/us/all-3m-products/~/3M-General-Purpose-Vinyl-Tape-764?N=5002385+3293241864&rt=rudmil	ASTM D3652

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References (continued)

Property	Values	Method
Safety Data Sheet (SDS)	https://www.3m.com/3M/en_US/company/us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=764 in	ASTM D3652

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Information

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