

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 | Dwell Time Units | Substrate | Backing | Notes |
|---------------------|-----------|-----------|------------|------------------|------------------|-----------------|---------------------|------------------------|
| 180° Peel Adhesion | 2.1 N/cm | 18 oz/in | ASTM D3330 | 72 | hr | Stainless Steel | 2 mil Aluminum Foil | 12 in/min (305 mm/min) |
| Tensile Strength | 22.8 N/cm | 208 oz/in | ASTM D3759 | | | | | |
| Elongation at Break | 160 % | | ASTM D3759 | | | | | |

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Typical Performance Characteristics (continued)

| Property | Values | Method | Dwell/ Cure Time | Dwell Time Units | Substrate | Backing | Notes |
|-----------------------|----------------------|--------|------------------|------------------|-----------|---------|-------|
| Temperature Use Range | 60 to 29 °C 85 °F | | | | | | |

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. To obtain best performance, use this product within 18 months from date of manufacture.

Trademarks

3M is a trademark of 3M Company.

References

| Property | Values |
|---------------------|---|
| 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=rud |

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References (continued)

| Property | Values |
|-------------------------|---|
| 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 |

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Information

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3M United States
3M Center
St. Paul, MN 55144-1000
800-362-3550
www.3M.com

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