



Technical Data Sheet

3M™ Double Coated Tape 476



[Product Details](#)

Product Description

3M™ Double Coated Tape 476 is a synthetic rubber adhesive with polypropylene carrier and 62.5 lb densified kraft paper liner. It is suitable for medium temperature and solvent resistance. 6.5 mil thick with 3.7 mil liner.

Product Features

- High performance splicing in printing applications. Good on films and foils.
- Good adhesion to a wide variety of materials such as HSE high surface energy, LSE low surface energy and metals.
- Good temperature and humidity resistance.

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

Attribute Name	Value
Color	Clear
Adhesive Type	760 Rubber
Adhesive Carrier	Polypropylene film
Total Tape Thickness	0.16 mm (6.5 mil)
Liner	62.5# Densified Kraft White Paper Red Printing
Liner Print	Remove to Expose Adhesive
Liner Thickness	0.094 mm (3.7 mil)

Attribute Name	Value
*Note	3M™ Adhesive 760 is a high tack synthetic rubber adhesive. It provides excellent quick stick or initial adhesion.

Typical Performance Characteristics

Temperature: 23 °C (73 °F)

Attribute Name	Test Method	Value
180° Peel Adhesion	ASTM D3330	14.1 N/cm (130 oz/in) ¹

¹ 304 mm/min (12 in/min)

Attribute Name	Value
Short Term Temperature Resistance	65 °C (150 °F) ¹
Long Term Temperature Resistance	49 °C (120 °F) ²

¹ Short Term (minutes, hour)

² Long Term (day, weeks)

Typical Environmental Performance

Attribute Name	Value
Solvent Resistance	Medium/Low
UV Resistance	Not recommended for direct exposure to sunlight or other sources of ultra violet light.

Handling/Application Information

Application Techniques

- Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure helps develop better adhesive contact and improve bond strength.
 - To obtain optimum adhesion, the bonding surfaces must be clean, dry, and well unified. Some typical surface cleaning solvents are isopropyl alcohol and heptane.*
 - Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.
- *Note: When using solvents, extinguish all ignition sources, including pilot lights, and follow the manufacturer's precautions and directions for use.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Maximum Length	494 m (540 yd)
Minimum Length	55 m (60 yd)

Automotive Disclaimer

Select Automotive Applications:

This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

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ISO Statement

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

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