



Extended Liner Tapes

9920XL • 9925XL

Technical Data

October, 1994

Product Description	9920XL	0.001 in. (0.025 mm) thick adhesive transfer tape.
	9925XL	0.002 in. (0.05 mm) thick tissue reinforced double coated tape.

Construction	Products	9920XL	9925XL
Adhesive Type:*		R-70	R-70
Adhesive Carrier:		Synthetic Rubber	Tissue
Release Liner:		2 mil thick, 42 lb. basis weight silicone treated paper liner. White liner with red printing "Remove to Expose Adhesive"	White with black print silicone coated paper
Approximate Thickness:	Release Liner	0.001 in. (0.025 mm)	0.002 in. (0.05 mm)
	Tape only		.0025 in. (0.065 mm)
Tape Color:		Clear	Off-white Translucent

*R-70 is a soft rubber-resin pressure sensitive adhesive system. It features high initial adhesion to a wide variety of materials.

Typical Physical Properties and Performance Characteristics

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Adhesion to Steel: (ASTM D-3330) 180° peel at RT	35 oz./in. to stainless steel 20 oz./in. for low density polyethylene	60 oz./in. (66 N/100 mm) adhesive only 25 oz./in. (27.5 N/100 mm) tissue delamination occurs
Relative High Temperature Operating Ranges:		
Short Term (minutes, hours)		150°F (65°C)
Long Term (Days, Weeks)		100°F (41°C)
Relative Solvent Resistance:		Low
U.V. Resistance:	Not recommended for direct exposure to sunlight or other sources of ultra violet light.	
Shelf Life of Tape in Roll Form:	18 months from date of manufacture when stored in original cartons at 70°F (21°C) and 50% relative humidity.	

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Available Sizes

Available Lengths:	1,000 yds. (914 m)	750 yds. (685 m)
Available Widths:	1/2 in. (12.7 mm), 3/4 in. (19.0 mm), 1 in. (25.4 mm)	
Liner Extension Width: (each side)	1/16 in. (1.6 mm)*	
Normal Slitting Tolerance:	± 1/32 in. (0.8 mm)	
Core Size (ID):	3.0 in. (76.2 mm)	

*Adhesive width decreased on liner side only.

General Information

- The adhesive width is decreased by 1/8 in. on the lined side to facilitate easy liner startability.

Application Ideas

- Adhesive Transfer Tape is a pressure-sensitive adhesive that offers a clear, thin glue line for permanent bonding for many light applications. This tape is excellent for bonding papers to papers and many other lightweight, flexible materials. Application ideas include business forms, inventory and traffic tickets, labels and envelopes.
- Tissue Reinforced Double Coated Tape is a pressure-sensitive adhesive system that offers a thin glue line for permanent bonding for many light applications. This tape is excellent for bonding paper to paper, promotional items and lightweight plastics.

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-227-5085. Address correspondence to: 3M Industrial Tape and Specialties Division, 3M Center, Building 220-8E-04, St. Paul, MN 55144-1000. Our fax number is 612-733-9175. In Canada, phone: 1-519-451-2500. In Puerto Rico, phone: 1-809-750-3000. In Mexico, phone: 5-728-0400.

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ISO 9002

This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

3M

Joining Systems
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