



Double-Sided Tapes

9086 · 9888T · CT6348 · 9088 · 9088FL · 55256

Product Information **April 2010**

Description 3M™ Double-Sided Tissue Tapes, 9086, 9888T and CT6348 consist of an acrylic adhesive coated on both sides of a thin tissue carrier. 3M Double-Sided Film Tapes, 9088, 9088FL and 55256 consist of an acrylic adhesive coated on both sides of a thin polyester film. A release liner is added to one side. The aggressive acrylic adhesive provides high initial adhesion to a wide range of surfaces including wood, metal, paper and most plastics including polyethylene and polypropylene.

- Features**
- Excellent adhesion to most surfaces
 - Flexible to conform to irregular surfaces
 - Hand tearable
 - High tack level offers high immediate adhesion
 - Easily converted by die-cutting
 - Dimensionally stable

Physical Properties/Typical Performance Characteristics*						
Tape	Double Sided Tissue Tapes			Double Sided Film Tapes		
	9086	9888T	CT6348	9088	9088FL	55256
Carrier	Tissue	Tissue	Tissue	Polyester 0.012mm	Polyester 0.012mm	Polyester 0.012mm
Adhesive	375 Acrylic	Acrylic	Acrylic	375 Acrylic	375 Acrylic	Acrylic
Liner	White paper with black 3M Logo	White paper with red 3M Logo	White paper	White paper with red 3M Logo	Red Polypropylene film	Off-white paper
Liner Thickness	0.07mm	0.15mm	0.12mm	0.07mm	0.08mm	0.076mm
Tape Colour	Translucent	Translucent	White	Clear	Clear	Clear
Tape Thickness	0.19mm	0.15mm	0.09mm	0.21mm	0.21mm	0.048mm
Adhesion to steel	160 N/100mm	125 N/100mm	118 N/100mm	150 N/100mm	150 N/100mm	76 N/100mm
Adhesion to Polypropylene	70** N/100mm	86 N/100mm	67 N/100mm	70** N/100mm	70** N/100mm	45 N/100mm
Temperature Resistance						
Min/Hours	120°C	120°C	120°C	150°C	150°C	200°C
Days Weeks	85°C	80°C	80°C	93°C	93°C	80°C
UV Resistance	Excellent	Good	Good	Excellent	Excellent	Good
Plasticiser resistance	Good	NR	NR	Good	Good	NR
Solvent Resistance	Very good	Good	Good	Very Good	Very Good	Good

*Not recommended for specification purposes; **Adhesion to polyethylene; NR Not Recommended

Adhesion Test Method: 180° Peel Adhesion: 72 hours room temperature dwell, Peel speed 305mm/min

Format	Available in 12mm, 18mm, 24mm, 36mm, 48mm and 300mm x 50m rolls 55256 is also available in 30m long rolls Custom width rolls are available upon request
Application Technique	<ul style="list-style-type: none"> • Apply between 10^o and 40^oC. • Ensure surfaces to be bonded are clean, dry and well unified. • Firm application pressure helps develop better adhesive contact and improves bond strength.
Application ideas	<ul style="list-style-type: none"> • Lamination of foams, fabrics and papers • Web splicing for paper and corrugated board • Core starting • Attaching lightweight signs, nameplates and plaques • Production of promotional signage or sample boards • Attaching plastic extrusions
Testing	Always test the suitability of the product for your application before use.
Shelf life	Store in a dry location out of direct sunlight and away from all sources of heat. Ideal conditions are 20 ^o C and 50% relative humidity. Use within 2 years from date of manufacture.
Health and Safety Information	This product is an “article” and does not require a Material Safety Data Sheet. However MSDSs have been produced for most articles and may be accessed by going to www.3M.com/msds and entering the product number or 3M stock number. Alternatively, contact 3M Customer Services.
Further information	Further information is available at www.3M.com or by contacting 3M Customer Services on free phone 0800 200 713 or free fax 0800 508 980.
Note	The user is responsible for determining whether the 3M product, surface preparation, and method of assembly are suitable for their particular purpose. Failure to determine the suitability of all factors involved in the application may result in bond failure.



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