

Product Construction Sheet

THERMLfilm® MPE 200 S Destruct TC-387 V-88 (1.0-1.1) 55W GL-9

GENERAL DESCRIPTION:

A top-coated silver coloured metalized destructible film, coated with a permanent rubber based adhesive , backed with a glassine liner.

PRODUCT DATA		VALUE	TEST METHOD
PHYSICAL PROPERTIES			
Thickness (micron)	Film	50 +/- 10 %	ASTM D 3652
	Adhesive	25-28 +/- 3	
	Liner	79 +/- 10%	
Dimensional Stability (%)	Machine Direction	0.50	On AL panel at 70°C for 24 hr.
	Tensile Direction	0.50	
ADHESION PROPERTIES**			
Adhesion from (N/25mm)		Average	
Stainless Steel		30	FTM 1 (72 hr dwell time)
Glass		29	
Acrylic		28	
PP		30	
Expected Shear (Hours)		100	FTM 8
Tack (gm/sq cm)		1000	ASTM D 2979

** Due to high destructibility of base film this product should be converted with a wide matrix (6 mm minimum). Labels should have round edges. Rotary die-cutting is the preferred method. This product is not intended to be used fan-fold application and use with plasticized vinyl surface or removal and then re-lamination of liner is not recommended.

Tamper evident features of this product are still to be determined. Customer must qualify this product for their intended end use application.

*** For guidance only

This data is based on limited test results on adhesive coat weight of: 22 micron micron. Due to the custom nature of this product, not to be used for setting specifications.

EXPECTED EXTERIOR LIFE	Indoor use only
SERVICE TEMPERATURE RANGE	-40°C to 80°C Tamper evident max 70°C
MINIMUM APPLICATION TEMPERATURE	2°C
STORAGE STABILITY	Two years stored at 21°C and 50% RH

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Product Performance and Suitability

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