

METRIC FELT COMPANY

T E C H N I C A L D A T A

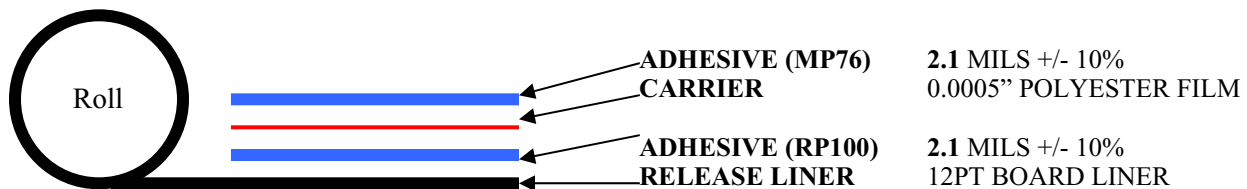
C500-12PT (Part # 2271sl)

POLYESTER SUPPORTED LAMINATING ADHESIVE

DESCRIPTION

C500-12PT is a supported high performance, laminating adhesive designed for very demanding bonding applications. The laminating side (unwind) is coated with a high molecular weight, cross-linked acrylic adhesive which bonds well to urethane foams and to mildly plasticize materials. The liner side is coated with a high temperature, synthetic rubber-base adhesive that bonds well to high and low surface energy substrates and exhibits excellent shear strength. C500-12PT is recommended for wrap around applications where heat resistance is required. The RP100 adhesive has been certified to Ford specification ESB-M3G76-B2 and General Motors specification GM3622M type IV. C500 is also available with Standard Kraft liner.

TAPE CONSTRUCTION



TYPICAL ADHESIVE PERFORMANCE DATA

PEEL ADHESION (PSTC-101)	LINER SIDE	UNWIND SIDE
15 MINUTE APPLIED (oz./in.)	1 40-160	5 0-80
24 HOUR APPLIED (oz./in.)	1 40-160	6 0-85

SHEAR ADHESION (PSTC-107)		
1" X 1", 1,000 GRAMS, 72 DEGREES F (Hours)	24+	21+

MINIMUM APPLICATION TEMPERATURE 50 DEGREES F

NO LOAD APPLIED, SERVICE TEMPERATURE RANGE
-45 TO 180 DEGREES F CONTINUOUS
-45 TO 350 DEGREES F SHORT TERM

NOTE: Performance data indicates average production values from stainless steel and should not be used for minimum specification values. It is required that the converter determines suitability of tape prior to use.

DATE: 8/31/04 igc

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