Registered ISO 9001:2008

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

C500-STD (Part# 2059sl)

POLYESTER SUPPORTED LAMINATING ADHESIVE

C500-STD

INDUSTRIAL

DESCRIPTION

C500-STD 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-STD 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.

TAPE CONSTRUCTION

ADHESIVE (MP76)	2.1 MILS
CARRIER	0.5MIL POLYESTER FILM
ADHESIVE (RP100)	2.1 MILS
RELEASE LINER	78LB BLEACHED KRAFT

TYPICAL ADHESIVE PERFORMANCE DATA

PEEL ADHESION (PSTC-101 w/ 2mil PET support)

		LINER SIDE	UNWIND SIDE
Substrate: PP	15 MIN APPLIED (oz./in.)	130-140	35-45
	24 HR APPLIED (oz./in.)	130-140	50-65
Substrate: SS	15 MIN APPLIED (oz./in.)	140-160	50-80
	24 HR APPLIED (oz./in.)	140-160	60-85

SHEAR ADHESION (PSTC-107 w/ 2mil PET support)

1" X 1", 1,000 GRAMS, 72 DEGREES F (Hours)	24+	21+

MINIMUM APPLICATION TEMPERATURE 50 DEGREES F

NO LOAD APPLIED, SERVICE TEMP. RANGE

-35 TO 175 DEGREES F CONTINUOUS
-35 TO 225 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: 12/20/10 igc

The information contained herein is to the best of our knowledge and belief, accurate. However, since the conditions of handling and of use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by following these suggestions. Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.

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