

# METRIC FELT COMPANY

T E C H N I C A L      D A T A

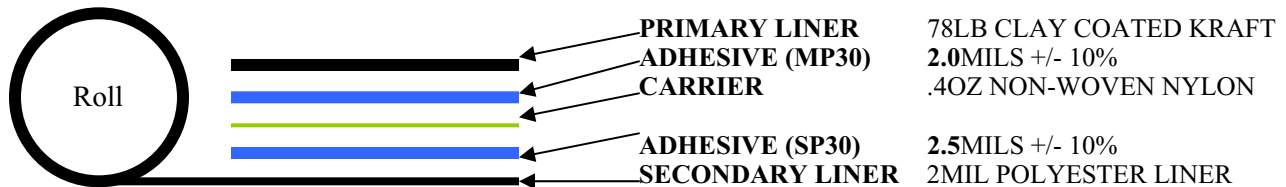
**DLC-503-78MO (Part # 2178sl)**

## **DOUBLE LINER SUPPORTED LAMINATING ADHESIVE**

### **DESCRIPTION**

DLC-503-78MO is a non-woven supported acrylic/silicone laminating adhesive, designed for laminating to silicone sponge rubbers without the use of a flammable primer. DLC-503 is coated with a high performance silicone adhesive on the foam bonding side and a high performance acrylic adhesive on the end-user side. DLC-503 is resistant to heat, humidity, UV light, mild plasticizers and some solvents. Removing the film liner at a nip point will aid in consistent lamination and heat-assist will also help improve initial bond to the sponge; bond strength to the sponge increases after 24 hours.

### **TAPE CONSTRUCTION**



### **TYPICAL ADHESIVE PERFORMANCE DATA**

	LINER(ACRYLIC)		UNWIND(SILICONE)	
<b>PEEL ADHESION (PSTC-101)</b>				
IMMEDIATE APPLIED (oz./in.)	40	-60	60	-80
24 HOUR APPLIED (oz./in.)	1	50-170	6	0-80

<b>SHEAR ADHESION (PSTC-107)</b>		
1" X 1", 1,000 GRAMS, 72 DEGREES F (Hours)	24+	24+

**MINIMUM APPLICATION TEMPERATURE**      50 DEGREES F

**NO LOAD APPLIED, SERVICE TEMPERATURE RANGE**  
-65 TO 250 DEGREES F CONTINUOUS  
-65 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:** 10/6/05 jcm

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.

Metric Felt Company, 10201 191st Street, Mokena, Illinois 60448  
TEL: 708-479-7979 FAX: 708-479-4177  
info@metricfelt.com

DLC-503-78MO INDUSTRIAL