



Adhesive Data Sheet

EP-9 Permanent Rubber

General Description: EP-9 Permanent Rubber Adhesive is a very aggressive, high tack, high shear rubber-based adhesive engineered for permanent performance in a wide variety of applications. EP-9 Permanent Rubber Adhesive is particularly well suited for applications requiring chemical resistance and adhesion to low energy surfaces. When used with a battery acid resistant facestock, EP-9 Permanent Rubber Adhesive provides meets or exceeds most OEM battery label specifications for wet cell batteries.

Adhesion

Substrate	Loop Tack ¹	Shear ²	Peel Adhesion ³
Stainless Steel	3.5 lbs	>40 hours	3.0 lbs

Usage

Application Temperature Minimum:	+30° F (-1° C)
Service Temperature:	-20°F to +220°F (-29°C to +104°C) subject to face stock limitations
FDA Compliance:	The dry film components of EP-9 Permanent Rubber comply with the Code of Federal Regulations, Title 21, Section 175.105 ⁴

Environment

Moisture & Humidity Resistance:	Excellent
Sunlight & Weather Resistance:	Excellent
Heat Resistance:	Excellent
Chemical Resistance:	Acids: Excellent Alkalis: Excellent Oils: Excellent

Notes:

1. TLMI-LIB 1, 1 mil polyester face stock, 1 mil of adhesive
2. ASTM-D-3654, PSTC-7, 1 mil polyester face stock, 1 mil of adhesive, 1" x 1" with 1000 gm static load
3. ASTM D-3330, PSTC-1, 1 mil polyester face stock, 1 mil of adhesive
4. Compliance with 21 CFR 175.105 permits the use of this adhesive in applications for which the adhesive either (a) is separated from the food by a functional barrier, which will prevent the migration of any of the adhesive components to the food, or (b) has incidental contact with food limited to the trace amount at the seams or the edges of the label.

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