Engineering Specifications for Trim-lok Rubber Seal

Description;	**Rubber Seals** come in a variety of specially designed shapes made from custom formulated EPDM sponge rubber compound.
Resistance to;	Ozone – Excellent Water Absorption - Excellent Sunlight Aging - Excellent Low Temperature – Excellent Compression Set - Good
General Temperature Rating;	-20 Degrees to +158 Degrees
Compression Rating and Density	Recommended 25% compression for the maximum performance. It has density of 21 to 23 lbs./pcf
Flammability & Code Compliance;	FMVSS 302 - Horizontal Burn UL50

Adhesive Options;

"BT" Pressure Sensitive Adhesive This 3M Acrylic Automotive grade tape creates the ultimate bond to the rubber and the ultimate bond to the substrate. Creates a moisture barrier and airtight seal between rubber and substrate. Highest peel and shear resistance can be used under high loads of stress and force. Has low initial tack for easy re-positioning during installation and needs 72 hours of cure time to come to full bond strength. Good heat performance -20F to +158F.

"HT" Pressure Sensitive Adhesive This acrylic based adhesive is best used to hold the rubber seal in place while installing it in a static application or compressed between two stationary objects. May be used in some light duty dynamic applications against a variety of substrates. Good heat performance -20F to +158F. Please note during application ambient temperature must be above +60F.

National
Technical
Systems

September 30, 1997

FULLERTON DIVISION TEST REPORT NUMBER 777-3947
Trim-Lok Inc.
Purchase Order Number 3692

A. TESTS: Temperature Aging, Tensile & Elongation, and Flammability

B. TEST ITEMS: Forty-two (42) Elastomer Materials
P/N - see Page 2

C. SPECIFICATIONS:
1. FMVSS 302
2. UL 94 V-O
3. UL 50, Paragraph 43.1
4. MIL-I-45208A, Amendment 1
5. MIL-STD-45662A

D. RESULTS:

This is to certify that the test items were subjected to the Temperature Aging, Tensile & Elongation, and Flammability Tests according to the above specifications.

The items tested to FMVSS 302 meet its requirements. The items tested to UL 94V-O fail to meet its requirements. The items tested to UL 50, Paragraph 43.1, meet its requirements.

Test data and an equipment list are attached.

NATIONAL TECHNICAL SYSTEMS

Thomas Prisk
Program Manager

for Betty Matteson,
Quality Assurance Manager

NTS 96 Q.C.

TEST ITEM IDENTIFICATION

Test Specification	Part Number
FMVSS 302	3100B3X⅛A C1250 Part No. X109 100B3X⅛ CP529A
UL 94 V-O	Material 96E0326-80 Batch #8 P/N 100TPRVO ⅛
UL 50	C1250X109 V10-4 P/N 100B3X⅛