# 37

# Gray, Double-Sided, Acrylic Foam Tape

37 is a gray,double-sided, coated acrylic foam tape with outstanding viscoelastic and adhesion properties. It offers ideal bonding performance for many interior and exterior industrial applications.

Formulated for durable, long-lasting adhesion, exceeds industry standards for shear strength and bonding to high surface energy substrates, even at elevated temperatures.

The viscoelastic core is specially designed to provide the following features:

- Great conformability and stretching
- Resistance to weathering degradation(UV and high temperature)
- Excellent performance in T-block and dynamic shear
- Outstanding static shear adhesion
- Durable adhesion at elevated temperature
- Shock and stress absorption

# Available Sizes Standard thickness:0.5mm 0.8mm 1.1mm

LPDE Blue liner

# **APPLICATIONS**

- Signage/display bonding
- Bus, truck and trailer skin bonding
- Replacement of permanent fastening systems (rivets, welds and liquid adhesives) used in general industrial applications

### **Properties**

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

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Thickness	90° Peel Adhesion <sup>1</sup> (3-day dwell)				T-Block <sup>2</sup>	Dynamic Shear³	Static Shear⁴	
Without Liner	Glass	Aluminum	Stainless Steel	PMMA	Aluminum	Stainless Steel	Stainless Steel	Service Temperature
mm (in.)	N/cm (lb/in)	N/cm (lb/in)	N/cm (Ib/in)	N/cm (lb/in)	N/cm <sup>2</sup> (Ib/in2)	N/cm2 (lb/in2)	7 days/1 kg	
0.5 (.020)	21 (12)	30 (17)	19 (11)	16 (9)	59 (86)	46 (67)	Pass and Exceeds	-35°C to 93°C (-30°F to 200°F)
0.8 (.031)	28 (16)	39 (22)	24 (14)	22 (13)	76 (110)	43 (62)	Pass and Exceeds	-35°C to 93°C (-30°F to 200°F)
1.1 (.043)	35 (20)	57 (33)	34 (20)	29 (17)	69 (100)	33 (48)	Pass and Exceeds	-35°C to 93°C (-30°F to 200°F)

<sup>1</sup> Based on ASTM D3330 <sup>2</sup> Based on ASTM D897 <sup>3</sup> Based on ASTM D1002 <sup>4</sup> Based on ASTM D3654

#### **Important Instructions**

• We strongly recommend testing of this product under individual application conditions prior to commercial use.

• Surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface.

#### Shelf Life

12 months after the date of manufacture when stored in original packaging at temperatures up to 21°C (70°F) and 50% relative humidity.

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