



Technical Data Sheet

D5186 Double-Sided Outdoor Foam Tape

Description

D5186 has a closed-cell polyurethane foam with an aggressive acrylic adhesive.

Features

The polyurethane film is easily conformable to smooth and irregular surfaces. This tape also resists high temperatures, withstands outdoor weathering and temperature change, and has a shelf life of one year.

| Physical Characteristics | Standard Values |
|---------------------------------------|---------------------------------|
| Carrier | Foam-PU |
| Adhesive Type | Acrylic |
| Adhesive Thickness (each side) | NA |
| 180° Peel Adhesion to Stainless Steel | 80/95 oz/in – 22/27 N/25mm |
| Tape Color | Black |
| Liner | Blue Polyethylene |
| Total Tape Thickness | 31 mil – 0.795 mm |
| Service Temperature Range | -40°F to 225°F – -40°C to 107°C |
| Available Lengths | 36 yds |

Tape Application

To achieve ultimate adhesion, the bonding surfaces should be dry, clean and free of dirt and oils. The strength of the adhesion bond is dependent on the amount of surface area directly contacting the adhesive. Firm pressure is recommended to obtain good adhesive to surface contact.

*Note: Values should be used for specification purposes and are averages taken from PSTC and ASTM test methods. The company does not warranty performance in specific applications. Since product performance may vary, each user should conduct their own test to determine the products fit for use in specific applications. The purchaser shall assume all risks and liabilities in connection therewith. Materials should be stored at 70°F (20°C) with 50% relative humidity. Champion Tape serves you better. Contact our team for qualified application support.

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