

# ADLOCK™

AFT-I04

**Product Descriptions** ADLOCK™ Double Coated with aggressive pressure sensitive acrylic adhesive formulation. Product is engineered to bond to most of the surface. Offers good resistance to solvents & temperature variances with high conformability. Outstanding performance for applications undergoing UV and chemical exposures.

## Typical Physical Properties and Performance Characteristics

Color	Gray
Total Thickness (Mils)	16 (0.4MM)
Backing	Acrylic Foam
Adhesive	Acrylic
Adhesion to Steel (oz/in) Room temp x 24 hours	120 (33 N/25mm)
Dynamic Shear on Steel (kPa)	558
Static Shear Adhesion to Steel (1 hour) 20mm x 20mm x 1 kg @ 95°C (200°F)	Pass
Service Temperature (Short term)	+300°F(149°C)
Service Temperature (Long term)	+200°F(93°C)
Application Temperature	+ 59 to +85°F (+15°C to +30°C)

### S.O.P.

**Preparing Surface** - The first step in making adhesion to prepare the surface for bonding. At a minimum, this means making sure the bonding surface is clean of all contaminants. For most surfaces, clean the surface with **ADLOCK™IPWM 5050** . If the substrate is contaminated with heavy oils or grease, a degreaser or strong solvent may be used to remove the oil, but a final wipe **ADLOCK™IPWM 5050** should be used. However, **ADLOCK™AP049**( adhesion promoters) can be used to increase both initial and final bond strength. - **Pressure** Firm pressure should be applied to create a robust bonding.

**Storage** - Store in original cartons at 40-100°F (4-38°C) and 0-50% relative humidity. Optimum storage conditions are 72°F (22°C) and 50% relative humidity

**Shelf Life** -When stored under proper conditions, product retains its performance and properties for 12 months from date of shipment.

**Technical Information** - The technical information, recommendations and other statements contained in this document are based upon tests or experience that **ADLOCK™** believes are reliable, but the accuracy or completeness of such information is not guaranteed

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