

ADLOCK™

Joint seal tape – AD400JST

Product Descriptions ADLOCK™ Joint Sealing Tape is a family of single coated, pressure sensitive adhesive tapes designed for difficult sealing applications. The backing on this tape is very tough yet flexible and abrasion resistant. The very soft and thick acrylic adhesive has excellent sealing properties and good outdoor durability. This single coated tape is designed to seal over an existing joint, seam, or penetration. The adhesive is designed to adhere well to the overlapping tape joints while maintaining a strong seal.

Typical Physical Properties and Performance Characteristics

	AD 400JSTB	ADJSTW
Tape Colour	Black	White
Tape Thickness	40 Mill	40 Mill
Adhesion to Steel	108.00(30N/25)	108.00(30N/25)
Tape Tensile Strength, lbs/IN	14 (66 N/25mm)	14 (66 N/25mm)
Tape Elongation to Break	400%	400%

Temperature Tolerance

Short term (minutes, hours)	300°F (149°C)
Long term (days, weeks)	200°F (93°C)
Applications Temperature	Ideal tape application is accomplished when temperature is between 70° and 100°F (21° and 38°C). The tape generally reaches full bond strength after 24 hours but provides a seal immediately.
High Pressure Water Resistance	Excellent
Moisture Resistance	Excellent
Thermal Shock Resistance	Excellent
U.V. Resistance	Excellent

-01-



S.O.P.

Preparing Surface - The first step in making a successful seal is 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 Cleaner. 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™**IPWM5050 should be used. However, **ADLOCK™** AP049 (Adhesion promoter) can be used to increase both initial and final bond strength. **Creating an overlap Joint** -It is often required to overlap **ADLOCK™** Joint Seal tape onto itself. In this case, the backing of the first piece is one of the substrates to which the second piece of tape is bonding. The tapes should overlap at least 2 cm (3/4 in) **Pressure** Firm pressure should be applied to all points of overlap between the two tapes to join the adhesives and create a robust seal.

Storage - Store in original cartons at 40-100°F (4-38°C) and 0-95% 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 24 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

Warranty, Limited Remedy, and Disclaimer -Unless an additional warranty is specifically stated on the applicable **ADLOCK™** product packaging or product literature, **ADLOCK™** warrants that each **ADLOCK™** product meets the applicable **ADLOCK™** product specification at the time **ADLOCK™** ships the product. **ADLOCK™** MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the **ADLOCK™** product does not conform to this warranty, then the sole and exclusive remedy is, at **ADLOCK™** option, replacement of the **ADLOCK™** product or refund of the purchase price

Limitation of Liability -Except were prohibited by law, **ADLOCK™** will not be liable for any loss or damage arising from the **ADLOCK™** product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

