



TITAN SC

22290 Challenger Drive
Elkhart, IN 46514
(574) 970-8425 (O)
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TECHNICAL DATA SHEET TSG-AT-TG Series TRANSPORTATION GRADE HIGH BOND ACRYLIC TAPE SERIES

PRODUCT DESCRIPTION:

Titan's Anaconda Transportation Grade High Bond Acrylic Tape products (AT-TG) are conformable acrylic foams coated with a special adhesive both sides to create a high grade pressure sensitive tape specifically for applications seen in transportation vehicle manufacturing plants.

PRODUCT CHARACTERISTICS:

- UV resistant
- Superior holding power on metals and most plastics
- Excellent ability to handle thermal cycling while maintaining holding power

APPLICATIONS:

- Panel bonding
- Roof bonding
- Bonding dissimilar materials

SURFACE PREPARATION:

All surfaces should be clean, dry, and free of dust and grease. All surfaces should be abraded and/or primed using the proper abrasion pads and adhesion promoter. Contact your sales consultant for specific recommendations.

Shelf life:

12 months in unopened packaging in a cool and dry storage place at temperatures between +69° F and +100° F and 50% relative humidity.

COLOR:

Gray with a red polypropylene release liner.

SIZES:

Thickness Available: .025", .045", .062", .090"
Widths Available: .25" wide to 36"
Length Available: 36 yards (108') (.090" is 18 yard rolls)

Limited Warranty:

Adhesion Products warrants product to be of good quality and will replace or, at our election, refund the purchase price of any products proved to be defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, ADHESION PRODUCTS MAKES NO WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and ADHESION PRODUCTS shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.



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TECHNICAL SPECIFICATIONS:

180° Peel Adhesion Test (Bond at room temp and test after 2 hrs.)

<u>Temperature</u>	<u>Hours</u>	<u>Results (gf/10mm)</u>
73 °F	2 hrs	1900 – 2400
73 °F	24 hrs	2200 – 2500
176 °F	250 hrs	2300 – 2600
-4 °F	250 hrs	1800 – 2100

Dynamic Shear (Bond at room temp and test after 2 hrs.)

<u>Temperature</u>	<u>Hours</u>	<u>Results (PSI):</u>
73 °F	2 hrs	112 - 117
73 °F	24 hrs	115 - 119
73 °F	48 hrs	117 - 118
73 °F	250 hrs	115 - 121 (100% RH)
176 °F	250 hrs	117 - 124
-4 °F	250 hrs	110 - 114

Static Shear (.500" overlap and held for 7 days)

<u>Temperature</u>	<u>Load</u>	<u>Results</u>
73 °F	1500 g	Passed
199 °F	500 g	Passed

Temperature Resistance (Bond at room temp and test after 1 hr. Increase temp 37 °F till 500 g weight falls)

Results: 248 °F

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