

Technical Data Sheet



Conformable Gator Grip® Anti-Slip Grit Tape (SG4100 Series)

Issue Date: NOV 2022

DESCRIPTION

SG4100 Series is a conformable self adhesive traction tape. Constructed with a bonded and sealed Aluminum Oxide Grit, on a ductile aluminum foil. The Acrylic Co-Polymer Pressure Sensitive Adhesive is water and shrink resistant. This product complies with REACH and RoHs.

APPLICATION

Our line of Gator Grip® conformable foil-backed anti-slip tape is designed specifically for heavy-duty textured surface and stair nosing applications. The foil carrier allows for excellent conformability and will hold its shape to most any embossed or textured surface with its aggressive adhesive.

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	Micrometer - Total - Grit Tape plus Adhesive - Adhesive Thickness	1.05 mm 0.98 mm 0.06 mm
Overall Mass (Grit Tape + Release Liner)	Electronic Balance	1000 g/m ²
Tensile Strength (Grit Tape)	ASTM D882 - Machine Direction - Across Machine Direction	1200 g/25mm 1200 g/25mm
Elongation at Break	ASTM D882 - Machine Direction - Across Machine Direction	5 % 3 %
90 Degree Peel Adhesion on Stainless Steel	PSTC 14 - 1 hour - 24 hour	1800 g/25mm 2000 g/25mm
Rolling Ball Tack Number 15 Ball	ASTM 3121-06	15 cm
Adhesive Shear	PSTC 107	48 hrs

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Release Force	PSTC 8	25 g/25mm
Conical Mandrel Bend Test	ASTM D522	4 cm
Heat Aging	158°F (70°C) for 168 hours	<ul style="list-style-type: none">- Adhesion and Tensile properties shall not decline by more than 15% after heat aging- Release property shall not increase by more than 25% after heat aging- There shall be no color change or other change in appearance after heat aging- Product shall bend over a 25mm Mandrel without cracking
Mounted Shrinkage	100 x 100 mm on Stainless Steel at 158°F (70°C) for 168 hrs	0.1 mm

Note: While the data contained herein is believed to be reliable averages of the product's properties, the data should not be used for specification purposes. Test Data and results contained in this document are for general guidance only and should not be used by customers to establish designs and specifications. Customers who desire specific performance data should contact INCOM Manufacturing Group for further recommendations.

WARRANTY

The determination of the suitability of this product for any specific use is solely the responsibility of the user. No representations, guarantees or warranties of any kind are made to the accuracy or suitability of information in this document to any specific applications. INCOM warrants its products to be free from defects but limits its obligation to replacement of products that have been proven, to INCOM's satisfaction, to be defective. This warranty is non-transferable and only applies to customers buying directly from INCOM. INCOM is not liable for any loss, damage, expenses, or consequential damages arising in connection with the use of this product.