



Technical datasheet

8864

Acrylic foam tape

Product description

A double-sided conformable acrylic-based adhesive tape, specially designed for materials with high, medium and low surface energy such as powder coatings, coated glass, ceramics, silicones, Teflon and several plastics. Capable of absorbing the different thermal expansions of two materials, this high-performance tape has a very high initial tack and can be used on almost all substrates. This modified multipurpose adhesive tape has been specially designed for applications where the use of a primer or adhesion promotor is not preferred.

Material

Support Closed cell acrylic with siliconized PE liner
Adhesive Acrylic based

Technical data

Technical Property	Value	Unit
Total thickness	1,5 mm	+/- 10%
Density	600	Kg/m ³
90° Peel adhesion	41 (23)	N/10mm
Normal Tensile	610 (88)	kPa
Dynamic shear	620 (90)	kPa
Static Shear at 22°C	1000	g/312mm ² > 10.000 min (7 days)
Static Shear at 66°C	500	g/312mm ² > 10.000 min (7 days)
Temperature resistance long term	90	°C
Temperature resistance short term	120	°C
Minimum temperature	-40	°C

Application and storage

All bonding process require proper surface preparation and/or cleaning. This will enable 8864 to get in direct contact with the surface creating full adhesion force. After cleaning, the 8864 tape should be applied at a temperature level above 18°C. Ensure immediate part assembly after liner removal. Pressure should be applied in rolling fashion at approximately 10N/cm². The tape will achieve its full strength after 24 hours at room temperature. Store between 5°C and 35°C. Humid conditions should be avoided.

DISCLAIMER All statements and information listed above regarding this product are typical values for general guidance, these data don't have to be intended as conformity specification. All information and technical data are based on tests we believe reliable but are not guaranteed for accuracy and completeness. The user must test, evaluate, and validate this product before the use, assuming risks and liability of such use. This product and accordingly the specification, may be revised without prior notice. Tapeconcurrent assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication, or application of the products into which the materials are incorporated.