

TAPECONCURRENT

Technical data sheet

6864 PU Double Side Foam Tape

6864 is an extreme temperature resistant double sided foam bonding tape. The foam is a Polyurethane material. The product is black. A high performance, acrylic pressure sensitive adhesive is coated on both sides, and the product has a paper release liner. The material can be supplied with a film liner facilitating automatic application.

APPLICATIONS

- Automotive emblem mounting
- Electronic smart device component bonding
- LED lighting system bonding
- For preventing electrolytic corrosion

PRODUCT BENEFITS

- Maximum Recommended Weight Loading of 15 g/cm²
- Service temperature: -40oC to +120oC
- Application temperature: +10oC to +40 oC
- Shelf life of 1 year from date of dispatch
- Minimum 20% compression required to effect a water seal

- Coated on both sides with a high quality pressure sensitive acrylic adhesive
- Good resistance to dilute acids & alkalis Polythene coated release paper liner
- Very good Ultra violet {UV} Light resistant

- Resistance to abrasion, corrosion and moisture
- Suitable for indoor and outdoor environments
- No known hazards associated with this product
- Strong, thin and flexible foam
maintains dimensional integrity during die cutting / clean to use

ACCREDITATIONS:

- Conforms to European Directive 2000/53 EC (lead, chromium VI, mercury, cadmium free)

TECHNICAL PROPERTIES

Technical Property	Nominal Value
Tensile Strength	220 Ncm ⁻²
Elongation at Break	350 %
500 hour Static Shear (Stainless Steel)	0.32 Kg/cm ²
150 Hour Static shear @ 70 deg C	0.2 Kg/cm ²
10 Minute 180° Peel Adhesion	16 N/25mm

RECOMMENDATIONS

Surfaces must be clean, dry, free from grease and dirt. Recommended cleaning agent is Propan-2-ol, {IPA}.

Please note manufacturer's safety instructions should be followed and customers are recommended to ensure compatibility of the solvent with their substrate.

*Ideal bonding substrates are those which are:
clean, dry, flat, smooth, dust free & non-porous.*

Low temperatures may increase the risk of condensation, reducing the tack of the product.

Life expectancy will vary with temperature and humidity.

Product may be applied by hand direct from a roll applying even pressure.

Customers are recommended to make their own assessment of our products under their own conditions, for their own requirements.

This Technical Data Sheet (TDS) is provided for information only. The contents of this TDS are considered to be reliable but accuracy is not guaranteed.

The results shown in this TDS may not be relevant to all users of the product and it is the user's responsibility to determine the suitability of the product for its intended purpose.

We expressly disclaim all express or implied warranties including merchantability and fitness for a particular purpose to the fullest extent permitted by law and does not accept responsibility or liability (whether direct, indirect, or consequential) arising from use of the product or reliance on the TDS.

We do not exclude liability for death or personal injury arising from its negligence or fraud.

Date: 19-01-2017