



FRA - 15

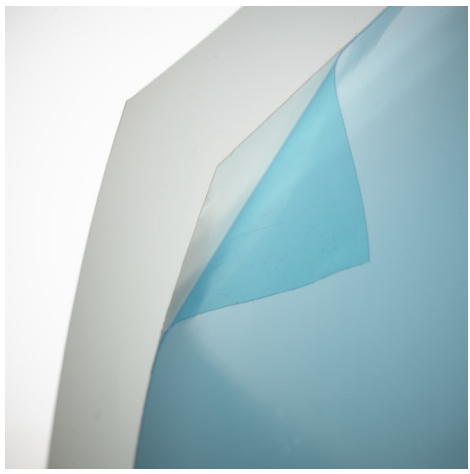
Thermal Conductive Rubber Pad

This Rubber based Acrylic material with a thermal conductivity up to 1.5 W/mK is slightly tacky. This provides full contact and good repositionability for more efficiency during assembly in the production process.

The material has a very high electrical insulation up to 38kV and used in performance applications with high demands on its thermal conductivity.

The Two-Liner technology based on PE and BoPET provides easy and accurate assembly process.

Its thermal conductivity and electrical insulation makes this material very suitable in high performance applications like Power Electronics, Batteries and alike.



Energy, Electronics, Automotive, Industrial, Aviation and Aerospace, and petrochemical.

Properties	Unit	FRA - 15
Color		White
Thermal Properties		
Thermal conductivity through	W/mK	1.5
Operating temperature	°C	-40 to 150
Max short use temperature	°C	230
Base material		Rubber Acrylic

Ordering example:

FRA - 15

**PFAS
SILICONE
FREE**



Thermal Conductive Rubber Pad

Features and benefits

- Silicone / PFAS -free
- Low thermal resistance
- Cost Effective
- High thermal reliability, no pump out
- High two sided, adhesive properties

Markets and Applications

- LED lighting
- Automotive
- Power Electronics
- Display's
- Aviation and Aerospace
- Optical applications (e.g, lasers)
- Chemical and petrochemical

Properties	Unit	FRA - 15
Color		White
Thermal Conductivity	W/mK	1.5 (ASTM D5470)
Shore Hardness OO		70 (ASTM D2240)
Thickness (available 1.0—1.2 mm)	Mm	1.0 (+/- 10%)
Packaging	Roll / Sheet	Upto 100 ft
Liner	2-sided	PE
UL Rating*		94V0
AC Breakdown voltage	kV	38.0 (IEC 60243-1)
Comparative Tracking Index	V	≥ 600

The data presented in this leaflet are in accordance with the present state of our knowledge. All statements, technical information and recommendations herein are based on tests we believe to be reliable. The customer is thereby not absolved from carefully checking all supplies immediately on receipt. The recommendations made in this catalogue should be checked by preliminary trials because of conditions during processing, transport and storage over which we have no control, especially where other companies' raw materials are also being used. Before using, user shall determine the suitability of the product for its intended use, and the user assumes all risks and liability what so ever in connection therewith. We reserve the right to alter product constants within the

scope of technical process or new developments. The recommendations do not absolve the customer from the obligation of investigating the possibility of infringement of third parties right and, if necessary, clarifying the position. Sellers' and manufacturer' only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable either in tort or contract for any loss or damage, direct or incidental, or consequential, including loss of profits or revenue arising out of the use or the inability to use a product. No statement, purchase order or recommendations by seller or purchaser not contained herein shall have any force or effect unless in an agreement signed by the officers of the seller and manufacture.

*tested according UL methode