



R49 PVC Foam

PROPERTIES	AVERAGE VALUE
Density (Kg/m ³)	200 (±20)
Tensile Strength (kPa)	>279
Compression Set (50% 23°C / 72hrs (%))	<30
Elongation at Break (%)	>125
Water Absorption (%)	<11
Compression Water seal (U-Test)	>20%
Flammability (mm/min)	Pass at 4mm Thick
Temperature Range (°C)	-30 / +80

Please Note:

The figures present on this specification sheet are average values.
We recommend and will support evaluation prior to use to ascertain the suitability of the material for the application.

Material Properties:

- Good Sealing properties (air, dust and water migration)
- Extremely Lightweight
- Good UV & Ozone resistance
- Good Thermal insulation

PVC foam is a lightweight material with good mechanical and insulation characteristics. A mixture of Polyvinyl chloride and polyurea, ensures an excellent closed cell structure. PVC foam is highly resistant to moisture and some chemicals exposure for indoor and outdoor applications. It acts extremely well as a seal as it is resistant to the damaging effects of rain, wind, and sunlight. Due to these factors, this material is perfect for every day applications.

 **UK Industry Leader**
Of cellular solutions

 **Global Accreditation**
TS16949 & ISO14001

 **Experience of**
Over 50 years

Products & Services

Ramsay are a manufacturer of **die-cut** and **thermoformed** parts in technical high performance lightweight sponge, foams and fabrics. For sealing, NVH, thermal and acoustic applications to OEMs across industry and the world.

Die Cut Gaskets

Adhesive Tapes

Thermoforming

Fabrication & Assembly

From the moment your enquiry is received, Ramsay will offer technical support. Advising the best product and high performance material solution that suits your application and assembly process requirements.



Quality Assured

Ramsay are one of a few UK manufacturers with **TS16949**, **ISO9001** & **IS14001** accreditations. All of our materials are registered in accordance with **IMDS** and are **ROSHH/REACH** compliant.

Our products are supplied in a condition of supply that complement our customer's process/assembly requirements, with product development and technical support from our project management team with full **APQP**, **FMEA** planning and **PPAP** approval.

We see our customers as partners, working together with a collaborative approach to ensure we continually improve our quality and overall service. We support our customers with further product development, on-site technical support and **VAVE** analysis/activity, enhancing customer competitiveness.

Get in Touch

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