



TECHNICAL DATA

PHIL-FOAM 408 (BACKER RODS – POLYETHYLENE FOAM)

PHIL-FOAM 408

Backer Rods – Polyethylene Foam

PHIL-FOAM 408 – is a soft, grey, non-greasing, pliable backer rod, with an impervious outerskin, used as a backing for elastomeric and other cold applied sealants. **PHIL-FOAM 408** controls the depth of the applied sealants and ensures cross-sectional our-glass configuration. **PHIL-FOAM 408** is suited for specialty applications such as irregular and varying joint widths where standard closed cell backer rods are not appropriate. **PHIL-FOAM 408** is most effective and efficient back-up and filler material because it is non cross-linked and linked and its cells are closed. It does not degenerate when it comes into contact with petrochemicals and other in-organic solutions.

RECOMMENDED FOR

- concrete expansion
- contraction joints
- curtain walls
- parking decks
- bridge and highway construction
- pavement maintenance
- log home chinking
- precast joint connection filler
- windows and sash frames to prevent vibration of glass panes

CUSTOMER BENEFITS

- Flexible, durable and weather resistant
- Easy to Install
- compatible with virtually all known cold applied sealants including silicones, polyurethanes, acrylics, polysulfide and butyl.



TECHNICAL SUPPORT

PATS PINOY Representative provides a technical advisory service for on-site assistance, application.

INSTALLATION

Prior to installing **PHIL-FOAM 408**, all joints must be free from all contaminants such as curing compounds and form-release agents, as well as loose and foreign materials. Install **PHIL-FOAM 408** under 25% minimum, 50% maximum compression to the depth recommended by the sealant manufacturer. Before applying sealant, all joints must be clean and dry.



PHYSICAL PROPERTIES

ITEM	UNIT	RESULTS
Density	g/cm ³ / PCF	0.03-.05/ 1.83-3.00
Tensile Strength	Kgf/cm ² /N/cm ²)	2.6(26) –4.1 (41)
Elongation	%	75-84%
Tearing Strength	Kgf/cm (N/cm)	2.0(19) – 3.1(30)
Compression Strength	Kgf/cm ² /(N/cm ²)	0.058(0.57)-0.81(81)
Permanent Compression Set	%	7.7
Service Temperature	C	Min -210 ; Max 90
Thermal Conductivity, K	Kcal/m.hr.C	0.022-0.034
Water Absorption	Mg/cm ²	0.02
Buring Rate	In/min	<1-5(UL94HB)

PACKAGING

PHIL-FOAM 408 is available in 3.50 linear meters with available diameter size of 12mm, 15mm, 20mm, 25mm, 30mm.

STORAGE

PHIL-FOAM 408 has minimum shelf life of 12 months provided the temperature is kept within the range of 2°C to 50°C. If the temperature of the product fall outside this range. Contact PATS PINOY Representative for advice.

HEALTH and SAFETY

PHIL-FOAM 408 is non-hazardous, non special pre cautions are necessary. Based from the testing conducted by University of the Philippines, our **PHIL-FOAM 408** is Non-Toxic and Non-Reactive. For further information consult the Material Safety Data Sheet available for this product.

FIRE

PHIL-FOAM 408 is flammable.

CLEANING and DISPOSAL

PHIL-FOAM 408 is ozone friendly and 100% recyclable.

IMPORTANT NOTE

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