

MPU Polyurethane Foam

MPU is a single part, self-expanding polyurethane foam provided in convenient aerosol packaging. MPU quickly cures to form a tough waterproof layer and is a light yellow colour.

- Excellent adhesion; ideal for filling and sealing spaces around cables, window frames, pipe ducts
- Very good thermal and acoustic insulation
- High filling output; 1 litre gives between 35 and 40 litres of foam
- No shrinkage or post expansion

Typical Properties

Hardening system	Polymerisation by atmospheric humidity
Cellular structure	70 - 80% closed cells
Skin formation (20°C, 60% RH)	8 minutes
Surface drying time (20°C, 60% RH)	20-25 minutes
Polymerisation speed (20°C, 60% RH)	3 hours for a 5cm strip
Output	1 litre gives between 35 and 40 litres foam
Density (kg/m ³)	25
Temperature range (°C)	-40°C to +90
Type of foam	Thixotropic
Fire resistance (DIN 4102 Part 2)	B3
Insulating factor (lambda/Kcal/m.h.°C)	0.032
Resistance to pressure (DIN 53421/ N/cm ²)	4
Bending strength (DIN 53423/ N/cm ²)	7
Tensile strength (N/cm ²)	17
Water absorption (DIN 53423)	1% by volume
Water-vapour permeability (DIN 53429/ g/m ²)	70 in 24h
Shelf life	12 months stored in cool conditions

Description

Polyurethane Foam

Packaging

500ml aerosol

Order Code

MPU500

Shelf Life

12 Months

Directions for Use

The surfaces must be clean and free of dust and grease. MPU adheres well to most substrates. Adhesion, polymerisation and cellular structure are improved if the substrates are moistened slightly prior to application. Shake the can vigorously before use. Only apply within the range of +5°C to +30°C. Invert can and dispense a small volume of propellant to clear nozzle after use.

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All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

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