

FLEX FOAM

SOLVENTS AND DEGREASERS

- Super elastic properties
- Low expansion quality
- Permanently elastic
- Excellent adhesion

PRODUCT DESCRIPTION:

FLEX FOAM has been specially developed for the airtightness and thermal insulation of joints around window frames and architectural structures. Due to the permanent elasticity, a durable and highly insulating airtight seal can be created, even in dynamic joints where movement is expected. After application, the foam layer expands and application at low temperature is also possible.

APPLICATIONS:

Flex Foam is ideal for use:

- Installation of window and door frames
- Sealing and joining joints (incl. Movable or pressure sensitive joints)
- Insulation and lead-through of pipes
- Sealing of thermal and acoustic insulation boards
- Reduces the impact of thermal bridges

INSTRUCTIONS:

Processing temperature: - 5 °C to + 30 °C (best results at 20 °C).

Packaging temperature: + 5 °C to + 25 °C (best result at 20 °C) If the temperature of the packaging is below 5 °C, the packaging must be preheated by means of water or air to a maximum of 30 °C.

Surface regulations: Remove dust, grease or other contaminants from the surfaces. If necessary, moisten dry surfaces before using Flex Foam for better results. Protect adjacent surfaces with paper, plastic wrap, or other suitable material.



Application method: Shake the package vigorously for at least 30 seconds. When mounting the softening gun it is important that the packaging is attached upright. (do not turn the packaging upside down on the gun, but turn the gun on the upright packaging)

Make sure the gun is not pointed at other people when reassembling. The amount of foam that comes out of the gun can be determined by adjusting the gun trigger on the back of the gun. For best results it is possible, if necessary, to moisten each layer of foam slightly with water.

To clean: For the removal of uncured foam or cleaning the application gun, Pro Part International recommends the use of the Foam & Gun Cleaner (Article number 2075)
Cured foam must be removed mechanically.

Storage & shelf life: Shelf life is 12 months from date of manufacture when stored in unopened packaging in a cool and dry place at + 5 °C to + 30 °C. The packages should not be stored above 50 °C, near heat sources or in direct sunlight. Storage and transport in vertical position.

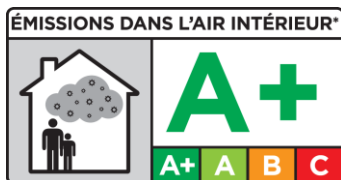
Limitations: Flex Foam does not adhere to Teflon, polyethylene and silicone surfaces. Cured foam is sensitive to UV light / direct sunlight and should therefore be covered with a suitable opaque sealant, filler, paint or other material.

Safety regulations:

Only use Flex Foam in well-ventilated areas.
Smoking is not recommended during application! If necessary, use protective equipment. Keep out of the reach of children.
See label and / or safety data sheet for more information.

Certifications:

VOC-emissieklasse A+



SPECIFICATIONS:

-	Value:	Unit:
Tack free (TM 1014)		
Cutting time (TM 1005)	<30	Min
Full curing in joint (3x5cm at 23 ° C)	<8	Hour
Curing pressure (TM 1009, on wetted surfaces)	<0,7	kPa
Expansion (TM 1010)	<60	%
Density in joint (3x10cm -WGM106)	17-22	Kg/m ³
Dimensional stability (TM 1004)	<1	%
Temperature resistance of cured foam	-50...+90	°C
Fire class cured foam (DIN 4102-1)	B2	-
Tensile Strength / Elongation (TM 1018, dry surface)	>55/27	kPa
Tensile Strength / Elongation (TM 1011, wetted surface)	>3	kPa
Shear strength (TM 1012, wetted surface)	>30	kPa
Heat conductivity (EN 12667, TM 1020)	0,033	W/(m-K)
Noise reduction index Rst, w (EN ISO 10140)	63	dB
Water vapor permeability (EN 12114)	<0,1	Mg/(m-h-Pa)
Air permeability (DIN 18542, EN 12114)	<0,1	M ³ /[h-m (daPa) ^{2/3}]
Movement capacity (WGM113)	- + 12,5	%
Foam yield in joint (3x5cm (WGM107)	15	M
Foam yield per 750 ml fill percentage	43	L

The stated values are obtained at + 23 °C and 50 % relative humidity, unless otherwise stated. These values may vary depending on environmental factors such as temperature, moisture and type of substrate.