



# 888P

## FLEXIBLE PU GUN FOAM

**Flexible PU Gun Foam** is a single-component PU flexible foam used with an applicator gun and features flexibility, high performance, easier application and reusability. It does not contain any propellant gases which are harmful to the ozone layer. The foam has a minimum expansion after application (less than 50%) and is therefore very economical to use. The foam is very elastic and has a very high Acoustic Rating and Thermal Insulation value.

### FEATURES & BENEFITS

- High elastic recovery ratio,
- Overcomes extreme physical movements without structural deformation,
- Shock and impact absorption,
- Excellent adhesion & filling capacity and high thermal & acoustical insulation value,
- Economical consumption thanks to precise application,
- High yield up to 45 liters depending on temperature and humidity,
- Mould-proof, water-proof and paintable.

### APPLICATION AREAS

- Vibrating constructions,
- Soundproof screen production,
- Application of soundproofing layer on industrial equipments,
- Reduction of noise transmission during use as fixing foam,
- Fixing and insulating of door and window frames,
- Filling and sealing gaps, joints and cavities,
- Filling penetrations in walls,
- Filling all joints in roof constructions,
- Enhancing thermal insulation in heating/cooling systems,
- Insulating electrical outlets and water pipes.

High  
Performance  
Flexible foam

### INSTRUCTIONS

- Optimal can temperature is +20 °C. Application temperature is between -2 °C and +30 °C.
- Shake the can well before use. Screw the can onto an applicator gun. The output of the foam can be regulated with the trigger and controlled with the adjustment screw on the back side of the gun.
- Always keep the can upside down during application.



- Fresh foam can be cleaned by Akfix Foam Cleaner. Cured foam can be cleaned barely mechanically.

## RESTRICTIONS

- Storage above +25 °C and below +5 °C shortens shelf life.
- Should be stored and transported in vertical position.
- Should be kept in room temperature for at least 12 hours before the application.
- Cured foam will discolor if exposed to ultraviolet light.
- Paint or coat the cured foam for best results in outdoor applications.

## SAFETY

- Contains Diphenylmethane-4, 4'-Diisocyanate.
- Harmful by inhalation. Irritating to eyes, respiratory system and skin. Do not breathe spray/vapour.
- Wear suitable protective clothing and gloves. Use only in well-ventilated areas.
- Pressurized container. Keep away from direct sunlight and do not expose temperatures over 50 °C.
- Do not pierce or burn, even after use.
- Keep away from sources of ignition, no smoking.
- Keep out of the reach of children.

## STORAGE AND SHELF LIFE

- 12 months if stored properly.

## PROPERTIES

<b>Basis</b>	: Polyurethane Prepolymer	
<b>Curing System</b>	: Moisture cure	
<b>Mechanical Properties</b>	: Flexible	
<b>Specific Gravity</b>	: 21±3 Kg/ m <sup>3</sup>	(ASTM D1622)
<b>Tack-Free Time (1 cm width)</b>	: 6±2min	(ASTM C1620)
<b>Cutting Time (1cm width)</b>	: 20-45 min	(ASTM C1620)
<b>Cure-Time</b>	: 2-4 hours	
<b>Foam Colour</b>	: Light blue	
<b>Yield</b>	: 30-45 L	(ASTM C1536)
<b>Fire Class of the Cured Foam</b>	: B3	(DIN 4102-1)
<b>Compression Strength</b>	: 22,3 kPa (%10 compressed)	FEICA TM 1011:2015
<b>Tensile Strength</b>	: 0,065 MPa	FEICA TM 1018:2015
<b>Elongation at Break</b>	: % 36-38	
<b>Water Absorption</b>	: max. 1 vol%	(DIN 53428)
<b>Shrinkage</b>	: < 3%	
<b>Shear Strength</b>	: 0,058 MPa	FEICA TM 1012:2013
<b>Optimum Can Temperature</b>	: min.5°C max. +30°C	
<b>Temperature Resistance</b>	: -40°C to +80°C	
<b>Application Temperature</b>	: -2°C to +30°C	

The results were obtained by providing optimum environmental conditions.



## PACKAGING

Product	Weight	Package
888P	900 gr.	12

## DISCLAIMER

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