

## Technical Datasheet

# FOME FLEX SANITARY SILICON 102

FOME FLEX SANITARY SILICON 102 is a one part, acid-curing, silicone sealant for general purpose sealing in do-it-yourself applications.

- Contains fungicides.
- Non-sag
- Ready gunnability at low (+ 5 °C) and high (+ 40°C) temperatures
- Rapid crosslinking: quickly becomes tack-free
- Adheres well to metal, glass, vitrified surfaces, ceramic tiles, many plastics and most paints

### Field of application

DIY applications (car, boat, caravan, house).

Suitable for glassing works and indoor construction works: sanitary rooms - sealing of sink, bath, shower cabine, pool connections, tile joint and edge connections, water supply, drainage and PVC-pipes sealing.

### Product data

Available colours	Transparent, white, beige, black, brown, grey	
Skin-forming time at 23 °C / 50% r.h.	25 min	
Extrusion rate, 3-mm nozzle, 0.63N/mm <sup>2</sup>	800 g/min	
Density at 23 °C	0,98 g/cm <sup>3</sup>	(DIN 53 479-B)
Tensile strength	0,6 N/mm <sup>2</sup>	(ISO 8339)
Ultimate elongation	200 %	(ISO 8339)
Modulus at 100% elongation	0,36 N/mm <sup>2</sup>	(ISO 8339)
Hardness, Shore A	18	(ISO 868)
Tear strength	4,0 N/mm	(ISO 34, method C)
Movement capability	20 %	(ISO 11 600)
Temperature resistance (cured product)	-40 °C ÷ +100 °C	

### Packages

310 ml cartridge, 20 cartridges in box; 600 ml foil "sausage"- 20 pieces in box

### **Storage stability**

FOME FLEX SANITARY SILICON 102 has a shelf life of at least 18 months if stored in a cool, dry place in closed original packaging at temperatures -5°C to +30°C.

### **Application**

FOME FLEX SANITARY SILICON 102 should not be used on substrates such as marble, concrete, fibrous cement and mortar, as the product releases acetic acid during vulcanization. FOME FLEX SANITARY SILICON 102 should not be used in contact with metals like lead, copper, brass, zinc due to corrosion.

FOME FLEX SANITARY SILICON 102 should not be used in contact with prestressed polyacrylate elements as it may cause stress cracking.

FOME FLEX SANITARY SILICON 102 may be discolored in contact with some organic elastomers, e.g. EPDM, APTK and neoprene.

### **Safety regulations**

During vulcanization, acetic acid is released. These vapors should not be inhaled for long periods or in high concentrations. Hence, good ventilation of the work place is necessary. Should unvulcanized RTV-1 silicone rubber come into contact with eyes or mucous membranes, the affected area must be rinsed thoroughly with water, as irritation will otherwise be caused. Vulcanized silicone rubber, however, can be handled without any risk to health.