# FLAMMADUR®
# F 500

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## Fire protection foam

**Protect your values.**

— members of svt group —

AIK　flamro　ROLF*KUHN*GMBH

## Description

FLAMMADUR® F 500 is a permanently elastic to hard polyurethane foam with an insulation layer-forming effect. It is used as a component necessary for fire protection and in the event of fire it forms a heat-insulating carbon foam and fills joints, gaps and other openings and prevents the transfer of heat.

## Areas of application

- Internal applications
- Cable management
- On request

## Delivery and packaging

| FLAMMADUR® F 500 | |
|---|---|
| | Moulded parts |
| Container size | Depending on the dimensioning of the moulded parts and customer requirements |
| Article number | Moulded parts for different customers have individual article numbers |

**If you would like to place an order, please contact us:**
📞 +49 4105 4090-14　　✉ industry@svt.de

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## Technical data

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|---|---|
| **Colour** | red, green, dark grey, on request |
| **Density (+20°C)** | 185 - 750 kg/m3 |
| **Thermal conductivity** | 0.062 - 0.067 W/(m*K) |
| **Processing temperature** | -51°C to +60°C |
| **Tensile strength (DIN 53571-86)** | 140 - 200 kPa |
| **Elongation at break (DIN 53571-86)** | 50 - 80 % |
| **Airborne sound insulation R´w 22 cm** | 42 dB |
| **Airborne sound insulation R´w 2 x 6 cm with air gap 30 cm** | 43 dB |
| **Processing information** | FLAMMADUR® F 500 must not be exposed to direct weather influences such as driving rain, frost-thaw cycles or UV radiation. If the building material is to be exposed to specific stressed, such as the constant effect of chemicals or aerosols, additional certificates are required. |
| **Foaming pressure / foaming factor** | Foaming from approx. 180°C, 2 to 4 times foaming factor (at 550°C over 30 min) with low inflation pressure (<0.1 N/mm2) |
| **Storage** | Protect from moisture and direct sunlight |
| **Delivery form** | Depending on the dimensioning of the moulded parts and customer requirements |
| **Safety instructions** | Additional instructions can be found in the safety data sheet |
| **Certificates** | ETA-17/0022 The product meets requirements R22 / R23 for hazard levels HL1 – HL3 as per DIN EN 45545-2 (02/2016). DMT test report No. 20666901-40 |