

TECHNO-FOAM 100

Technical specification

	Product	N27	N30	N40	N48	NP27	NP30	NP24
Application temperature max.	°C	100	100	100	100	100	100	100
Density	kg/m ³	27	30	40	48	27	30	24
Compressional hardness (DIN 53577) 40%	Kpa	5.0	4.5	6.5	6.0	3.7	4.5	12
Elongation after fracture (DIN 53571)	%	> 150	> 200	> 200	> 250	> 300	> 200	> 80
Tear strength	Kpa	> 100	> 120	> 150	> 200	> 200	> 140	>150
Flame retardation according to MVSS 302 available		yes	yes	yes	yes	yes	yes	yes
Compressive rest deformation (DIN 53 572) 22h at +70 °C	%	< 15	< 15	< 10	< 10	< 10	< 10	< 45
Formats (thicknesses) ⁽¹⁾	Thickn. mm	10 – 40						
Lengths depending on variant ⁽¹⁾	Width mm	1000						
Basis		ester, ether						
Cell structure		open cells						
Colour		anthracite/grey						

TECHNO-FOAM 100 foams are high performance material combinations consisting of a special PUR ester foam. Depending on the variant, this foam can have the following properties: **Water repelling surface, water repelling melted own skin; pimple structure (pimple foam); self-adhesive.**

- (1) We are able to supply special formats and special thicknesses on request. We will be pleased to manufacture stampings, milled parts or cuttings according to your drawings.
- (2) The classification temperature is not to be equated with the maximum application temperature, in particular when physical conditions such as tensile or pressure loads are involved. For applications as high-temperature insulation, lower temperatures must always be applied. In these cases, our Engineering department will offer assistance and support.
- (3) Heat transmission calculations for this material can be requested from our Engineering department.

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