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## TECHNICAL DATA SHEET

### ergo® 3030 Super RTV-Silicone BLUE

**Very well adhesive property, even on slight oily surfaces.**

#### Typical applications:

- valve bonnet
- differential casing
- induction pipe
- rear axle casing
- oil pan
- crankshaft case
- induction manifold

#### Characteristic features in liquid condition:

Chemical basis:	modified oxime silicone
State:	blue, thixotropic paste
Density:	1,28 g/cm <sup>3</sup>
Extrusion rate: (at 25°C, 6 bar, 3.2 mm opening)	> 1000 g/min.
Ignition point	315°C

#### Typical characteristics in hardened condition:

Tensile shear strength (EN 1465)	2.2 N/mm <sup>2</sup>
Ductile yield (ASTM-D-412)	270%
Hardness (Shore A) (ASTM-D-676)	40
Shrinkage	< 3%
Skinning time (ASTM-D-4678)	7 Minutes
Through hardening	~2mm/ 24h at 50%rF

Temperature range	-60°C up to +260°C shortly up to +315°C
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Thermal conductivity (ASTM D-2214/70)	0,002 Jcm <sup>-1</sup> s <sup>-1</sup> K <sup>-1</sup>
Coefficient of elongation (ASTN EB-31)	20 x 10 <sup>-5</sup> K <sup>-1</sup>

Dielectric constant @ 1 MHz (ASTM D-150)	2,8
Loss factor @ 1 MHz (ASTM D-150)	0,002
Breakdown voltage (ASTM D-149)	16 kV/mm
Specific volume resistance (ASTM D-257)	10 <sup>15</sup> Ω/cm

Shelf life	1 year in cartridges 2 years in metal tube or can
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