Magic Rubber

Fast cross linking bicomponent rubber.

Cross linking time:
15 minutes at 23°C
Volume resistivity:
>2 10^{15} Ω cm
Dielectric strength:
> 23 kV/mm
Specific weight:
1,22 approx
Degree of protection:
IP68 (in proper casings)

Bicomponent insulating liquid rubber, extremely conformable and fluid, flexible, elastic and re-enterable In just a few minutes, transforms into a rubber with very high dielectric, thermal, mechanical and elastic characteristics.

- For installation up to 1kV
- Low smoke, toxic and corrosive gas emissions
- Ideal also for casts and moulds
- Non toxic and safe
- No shelf life





Magic Rubber & Rubber Fluid

Product	Colour	Package type	Total quantity
Magic Rubber 500	●	2 bicomponent bottles 1 measuring cup - 1 mixing palette	500 gr
Magic Rubber 10	●	2 bicomponent tanks 1 measuring cup - 1 mixing palette	10 kg
Rubber Fluid 200	●	Bicomponent single dose bags	200 gr
Rubber Fluid 350	●	Bicomponent single dose bags	350 gr


Mix the 2 components in a ratio of 1:1.


Mix for max 30".


Pour the product into the casing to be filled.


In just a few minutes, the product transforms into rubber.



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TECHNICAL DATA SHEET



MAGIC RUBBER

Bi-component insulating and sealing rubber with fast cross linking at room temperature, particularly suitable for filling of closures, boxes, terminal blocks, for anticorrosion protection, for the manufacturing of small moulds, nuts, gaskets etc.. Non toxic and safe. High resistance to natural ageing.

The product is available in following sizes;

- 500 gr bottles and 10000 gr tanks under the trade name **MAGIC RUBBER**
- 200 e 350 gr bi-component bags under the trade name **RUBBER FLUID**
- As filler for all joints type **RUBBER JOINT**
- In KIT under the trade name **GASKET KIT**

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Appearance			Viscous liquid
Colour			Dark grey
Smell			Odourless
Viscosity at 23°C	On mixed product	mPa.s	Approx 4500-6000
Pot life		Minutes a 23°C	Approx 9
Hardness	Shore A after 24 h	Shore A	Approx 28
Density		g/cc	Approx 1,24
Thermal conductivity	DIN 52612	W/mK	Approx 0,2
Working temperature		°C	-60 / +200
Cross linking exothermic peak	-	°C	Non exothermic reaction
Tensile strength		MPa	Approx 2,9
Elongation at break		%	Approx 350
Tear resistance		N/mm	Approx 8
Dielectric strength	DIN 53481	kV/mm	>23
Dielectric constant	-	-	< 5
Tan δ	-	-	< 5 exp -3
Volume resistivity		Ω cm	>2 x 10 exp 15

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