

IsoUrch G600

Specification **Insulation-washer for flange-insulations according to DIN – cathodic corrosion protection**

Dimensions for flange-screws M10 – M52
 (The dimensions of the IsoUrch 600 depends on the steel-washer according to DIN 125 and have a 3mm bigger outer diameter than according to DIN 125)

Isolation
 Binder Silicon resin
 Material Phlogophit Glimmer
 Appearance ochre / shiny silver

	<i>unit</i>	<i>value</i>	<i>test method</i>
Thickness	mm	4,0 / 5,0	
Density	g/cm ³	1,8	IEC 371-2
Tensile strength	MPa	10	DIN 52910
Operating temperature	°C	700	
Maximum temperature	°C	800	
Specific volume resistance	Ωcm	10 ¹⁷ / 10 ¹² (23°C / 550°C)	ASTM D257
Dielectric constant (1MHz)		4,7	DIN 53483
Dielectric strength	kV/mm	15	IEC 371-2
Waterabsorption	Gew. %	< 1	

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