

## Technical Data Sheet

## Silicone 55 Grey

### Product description and advantages

- Area of application: Foil and veneer pressing, solar modules, solid surface materials and interiors
- Constant quality thanks to quality management
- Excellent elasticity
- Long-term flexibility
- High temperature resistance

### Standard dimensions

Width:	1660 – 3000 mm
Material thickness:	1 mm (1660 mm) 2 mm (1660 mm) 3 mm (1660 – 3000 )
Surface:	smooth/smooth (1, 2 and 3 mm) smooth/textured (3 mm)

### Fabrication even beyond the standard width

Compound	A – SU 55 – 82	
Polymer	Silicone	
Colour	Grey	
Material hardness	55 ± 5 Shore A	DIN 53 505 / ISO 7619
Thickness tolerance	1 mm ± 0.20 mm	
Thickness tolerance	2 mm ± 0.30 mm	
Thickness tolerance	3 mm ± 0.30 mm	
Density / Specific weight	1.16 ± 0.02 g/cm <sup>3</sup>	DIN EN ISO 1183 / ISO 2781
Tensile strength	8.0 N/mm <sup>2</sup>	DIN 53 504 / ISO 37
Elongation at tear	600 %	DIN 53 504 / ISO 37
Resilience	25 %	DIN 53 512
Max. temperature	200°C	

#### Important information:

The listed test values and data are based on results of many years of development, tests and proving. A characteristics warranty and guaranteed function can't be derived from the information given. It is within the user's responsibility to test the selection of material in a specific application to ascertain his intended operational capability. Technical changes within the product development are subject to change.