

SILICONE MEMBRANE SM-45 BLUE



SM 45 Blue – a high-quality blue color silicone membrane is used in vacuum and thermoforming presses. Silicone membrane SM 45 has excellent durability, high temperature resistance till 200 C and high elongation properties till 780%. The material is effective in forming of composite materials in the aerospace and automotive industries. The silicone membrane is supplied with smooth finish. Silicone membranes from SM-45 series are made in EU from high performed components.

Area of application

Vacuum and membranes presses. Laminating of foil, veneer, glass, shaping of solid surface and thermoplastic materials.

Physical properties

Compound:	Silicone	
Thickness, mm:	2	3
Thickness tolerance, mm:	+/- 0,3	
Width, mm:	1800	
Length, maximal, m:	25	20
Density, g/cm ³ :	1.13 +/-0.02	
Work temperature, max. C:	From -45 till 200	
Hardness, Shore A:	45 +/- 5	
Elasticity, %:	700%	
Tensile strength, N/mm ² (Mpa):	8.5	
Tear strength, N/mm:	40	
Color:	Blue	
Surface:	Smooth	