

Silicone vacuum membrane

Art.-Nr.200.001

Silicone vacuum membrane for all types of laminators and laminators (autoclave) with a vacuum process. The LTS nail membranes stand out by the longevity and the effective heat transfer to the laminate. The optimum elasticity of 700% considerably reduces the pressure on the edges of the laminate.

Duration stable solution, with optimum strength and elasticity for industrial evacuation of laminating systems.



- Production of laminated glass and laminated safety glass (LSG).
- Durable and solid silicone membrane for industrial use.
- Roll width up to max. 3600mm x 50m (without seam)
- Temperature range up to -60 ° C to 230 ° C.
- elasticity up to 700% (reduces edge stress)
- Optimum combination of strength and elasticity.

Silicon vacuum membrane 1,5 mm

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Application:

The membranes are specially designed for laminating or evacuating and pressing glass as laminated glass (VG) or laminated safety glass (VSG), as well as for many laminating films, metals, fabrics, meshes, plastics and much more. In addition, the LTS-Nagel membrane is optimally suited for the production of multilayer structures, for example, for intelligent facades with integrated light and photovoltaic. The thermal deformation and bending of thermoplastic materials with temperature and vacuum is also possible.

Equipment:

The optionally available silicone vacuum connection system allows permanent evacuation of all geometric shapes. Specially designed for full-surface lamination, without reducing the membrane area by metal parts on the membrane. Simple airtight installation, without sealants and sticking.

LTS-NAGEL

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Eigenschaften	Werte	Test Methode
Farbe	leichtes Blau	
Härtegrad	55° ShoreA (+/- 5°)	ASTM D2240 DIN 53505
Zugfestigkeit	9 Mpa	BSISO 37 DIN 53505/S1 ASTM D412/C
Bruchdehnung	700%	BSISO 37 DIN 53505/S1 Type 2 ASTM D412/C
Reißfestigkeit	35 N/mm	BS ISO 34-1/C ASTM D624/B
Dichte	1,25 g/cm ³ (+/- 0,5g)	ISO 2781 BS 903 A5
Arbeitstemperatur	-60°C bis +230°C	
Entflammbarkeit	Externe Laboruntersuchungen zeigen, dass die Anforderungen von UL94 HB erfüllt sind. HB-konforme Materialien gelten als selbstverlöschend.	
Verfügbare Breiten	bis zu 3700 mm	ohne Nahtstelle
Rollen Länge	17 Meter	