

Technical data:

Lamibran®

Product description and advantages

- Special covering layer (black) on silicone backing (grey)
- Bond of the two layers cannot be separated mechanically
- Black covering layer is resistant to decomposing outgassing during lamination process
- Durability results in longer machine running times and thus shorter set-up times
- Constant quality thanks to quality management

Standard dimensions

Width: 1660 mm

Material thickness: 3 mm

Fabrication even beyond the standard width

	Backing material	Covering layer	Composite material
Material	Silicone	Special layer	Lamibran®
Hardness	55 Shore A	84.8 IRHD	–
Density/Spec. weight	1.17 g/cm ³	1.7 g/cm ³	–
Tear strength	8.2 N/mm ²	14.9 N/mm ²	6.1 N/mm ²
Elongation at Tear	691 %	253 %	200 % (max.)
Resilience	40 %	–	18 %
Tear growth resistance (ASTM 624B)	57.0 N/mm ²	–	47.0 N/mm ²
Module 100 %	1.7 N/mm ²	2.0 N/mm ²	2.8 N/mm ²
Module 200 %	2.1 N/mm ²	–	4.4 N/mm ²
Module 200 %	2.7 N/mm ²	–	5.9 N/mm ²
Max. temperature			220 °C