



S-safe Borolon AN
084410-0PT1

Description	High flexibility, very good adhesion between silicone coating and the Meta-Aramid/para-Aramid fabric and excellent mechanical properties (abrasion ≥ 8000) make this material suitable for protective textiles. The coating is flame-retardant and self-extinguishing.
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Application	Protective textiles, Gloves, Expansion joints
Certificate / test report	DIN EN ISO 15025:2016; DIN EN 388

Technical information

Fabric	Meta-Aramid/para-Aramid knitted fabric	Width	140 – 160 cm ¹⁾ 55,12 – 63,00 inch ¹⁾
Coating	Silicone	Color	Black

Technical Data	Nominal values metric	Nominal values English	Test methods²⁾
Weave of fabric	Doubleface	Doubleface	DIN ISO 9354
Weight of fabric	330 g/m ² \pm 60 g/m ²	9,73 oz/sy \pm 1,77 oz/sy	DIN EN 12127
Weight of coating side 1/2	260 g/m ² \pm 40 g/m ²	7,67 oz/sy \pm 1,18 oz/sy	DIN EN ISO 2286-2
Total weight	590 g/m ² \pm 100 g/m ²	17,40 oz/sy \pm 2,95 oz/sy	DIN EN ISO 2286-2
Total thickness	1,00 mm \pm 0,2 mm coated	0,0394 inch \pm 0,0079 inch coated	DIN EN ISO 2286-3
Abrasion	≥ 8000 (grade 3-4)	≥ 8000 (grade 3-4)	DIN EN 388
Operational temperature ³⁾ Emergency temperature ³⁾	-50°C / +150°C -50°C / +200°C	-58°F / +302°F -58°F / +392°F	In-house test

- 1) Coating width depends on raw knitted fabric caused by production process
- 2) According to
- 3) Temperature range depends on time in use and environmental conditions must be approved by applicant.
At high temperature (>150°C), cleavage on the Si-C bond as well as depolymerisation of the siloxane chain occurs.

All data correspond to our present state of knowledge, special properties cannot be derived. User is responsible for the suitability under special use of the material. Other national and international standards tests will be conducted if requested by the customer. Provided information applies to the delivery status; processing guarantee within 24 months under normal conditions. Further data on request.

All previous data sheets are no longer valid and are replaced with this version.