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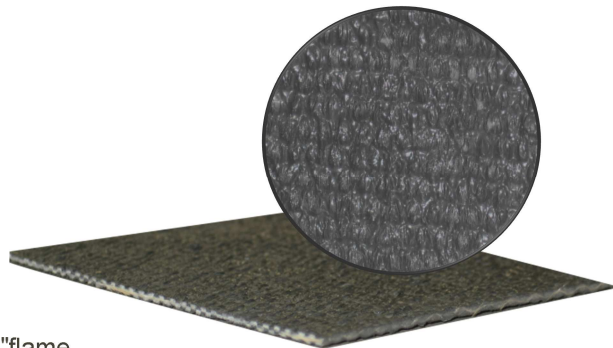
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TECHNICAL DATA – TXP600SILN

Black silicone impregnated fiberglass

Product information

TXP600 fabric impregnated with a high temperature black silicone with a "flame retardant" giving it increased resistance to high temperatures. It even withstands the direct flame for a short time and splashes molten metals. Despite its silicone impregnation, the fabric remains flexible and adapts well to various applications. The TXP600 black silicone does not ignite under the effect of intense heat..



Applications

The TXP600 black silicone is suitable for very rigorous applications against intense heat, fire and splashing of molten metals.

Color	black
Weight	120oz/yd ²
Thickness	0,108"

MAXIMUM TEMPERATURE

Silicone

Continuous	392°F (200°C)
Short period	437°F (225°C)

Fiberglass fabric

Continuous	995°F (535°C)
Short period	1193°F (645°C)

Note concerning temperature resistance:

Take note that the impregnation of the fiberglass fabric with the high temperature black silicone added with a "fire retardant" drastically increases the resistance of the product to high temperature. Tests, without scientific value, were conducted in aluminum smelter where a band of approximately 6 inches wide of this product was immersed in a molten aluminum tank whose temperature oscillates around 950 ° C to 1000 ° C for few seconds. As the photo shows, the product comes out almost unscathed



TXP600SILN after being immersed for a few seconds in a molten aluminum tank.

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TECHNICAL DATA – TXP600 SILN (continued)

Black silicone impregnated fiberglass

Physical properties (Silicone)

Hardness Shore A \pm 5 (ASTM D2240)	22
Tensile strength (ASTM D412)	> 450.00 N/mm ²
Elongation at break (ASTM D412)	> 175 %
Tear strength (ASTM D624B)	> 30 N/mm