

THE FLEXIBLE ARAMID BELT WITH SILICONE

Aramid fibers are characterized by high strength and high elongation at break, making the BGK S-5150 a powerful drive and conveyor belt. It is well suited for high temperatures and is resistant to oil, grease, and chemicals. It is low-stretch but thin, flexible, and bends readily, which makes it suitable for applications with knife edges.

Fabric	Aramide
Coating	Silicone
Colours	grey white blue black
Execution	coated one side and ground

Tensile strength N	1875
Pretension %	0,2
Force at 1 % elongation N	600
Coefficient of friction against steel μ	0,6 Beschichtung 0,2 Textil
Minimum pulley-\varnothing (mm)	20
Antistatic	possible (fabric)
Temperature resistance °C	-60 bis +180 kurzfristig: +240

Length mm	150 bis 4250
tolerance %	$\pm 1,0$
Width mm	3 bis 600
Tolerance mm	$\leq 50 \pm 0,5$ $\leq 199 \pm 1,0$ $\geq 200 \pm 2,0$
Thickness mm	1,1 (max. = 10,0)
Tolerance mm	$\pm 0,05$

Application	High strength, flexible conveyor belt with low elongation. Suitable for extreme temperatures. Good resistance against oil, fat and chemicals.
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