

BGK P-5100

THE NON-REINFORCED POLYURETHANE BELT

Given its high elasticity and good preload force, the BGK P-5100 belt is ideal as a drive or conveyor belt for fixed axle distances. Its surface is ground on both sides, at 0.9 mm very thin and can therefore also be used for small pulley diameters of only 8 mm.

Fabric	-
Coating	Polyurethane (50 ± 7 Shore A)
Colours	yellow grey (colour options: white, red, blue)
Execution	coated both sides and ground

Tensile strength N	220
Pretension %	4-8
Force at 1 % elongation N	-
Coefficient of friction against steel μ	0,4
Minimum pulley-\emptyset (mm)	8
Antistatic	No
Temperature resistance °C	-10 bis +70 kurzfristig: +80

Length mm	150 bis 4000
tolerance %	± 2,0
Width mm	3 bis 450
Tolerance mm	≤ 50 ± 0,5 ≤ 199 ± 1,0 ≥ 200 ± 2,0
Thickness mm	0,9 (max. = 10,0)
Tolerance mm	± 0,05

Application	Elastic drive and conveyor belt without fabric reinforcement, suitable for fixed shaft centre distances, e.g. for dynamic check weighing units. Coating material for timing belts.
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