

## BGK P-5105

### THE FLEXIBLE CONVEYOR BELT

The BGK P-5105 is a light and flexible conveyor belt. Its polyester carcass does not absorb moisture and is highly wear resistant. At only 0.8 mm, it is very thin and highly flexible. It is ideally suited for small loads at low contact pressure and a low friction coefficient.

<b>Fabric</b>	Polyester
<b>Coating</b>	Polyurethane (50 ± 7 Shore A)
<b>Colours</b>	yellow grey (colour options: white, red, blue)
<b>Execution</b>	coated one side and ground

<b>Tensile strength N</b>	480
<b>Pretension %</b>	0,8-1,0
<b>Force at 1 % elongation N</b>	30
<b>Coefficient of friction against steel <math>\mu</math></b>	0,4 Beschichtung 0,2 Textil
<b>Minimum pulley-<math>\emptyset</math> (mm)</b>	8
<b>Antistatic</b>	possible (fabric)
<b>Temperature resistance °C</b>	-10 bis +70 kurzfristig: +80

<b>Length mm</b>	150 bis 4250
<b>tolerance %</b>	± 0,5
<b>Width mm</b>	3 bis 600
<b>Tolerance mm</b>	≤ 50 ± 0,5 ≤ 199 ± 1,0 ≥ 200 ± 2,0
<b>Thickness mm</b>	0,8 (max. = 10,0)
<b>Tolerance mm</b>	± 0,05

<b>Application</b>	Light, flexible drive and conveyor belt, e.g. used for franking machines and letter conveying.
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