

## BGK P-5102

### THE ELASTIC REINFORCED DRIVE AND CONVEYOR BELT

The BGK P-5102 is very well suited for drive and conveyor applications with fixed axle distances. The elastic carcass increases safety and also improves sliding characteristics due to a low friction coefficient.

<b>Fabric</b>	Elastics/Cotton
<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>	250
<b>Pretension %</b>	3-4
<b>Force at 1 % elongation N</b>	10
<b>Coefficient of friction against steel <math>\mu</math></b>	0,4 Beschichtung 0,2 Textil
<b>Minimum pulley-<math>\varnothing</math> (mm)</b>	20
<b>Antistatic</b>	possible (fabric)
<b>Temperature resistance °C</b>	-10 bis +70 kurzfristig: +80

<b>Length mm</b>	200 bis 3700
<b>tolerance %</b>	± 2,0
<b>Width mm</b>	3 bis 600
<b>Tolerance mm</b>	≤ 50 ± 0,5 ≤ 199 ± 1,0 ≥ 200 ± 2,0
<b>Thickness mm</b>	1,8 (max. = 10,0)
<b>Tolerance mm</b>	± 0,05

<b>Application</b>	Elastic drive and conveyor belt for fixed shaft centre distances. Used for e.g. document and paper conveying and feeding, in sorting units and in mail handling devices.
--------------------	--