Data Sheet

GG 30P-32 NSTR/FSTR grey/black

Order information

Article number	855607
Standard delivery width	510 mm / 20 in

Construction

Surface material top face	Elastomer G
Surface pattern	Fine texture
Colour	Black (whirl/spindle/rotor)
Surface material underside	Elastomer G
Surface pattern	Normal texture
Colour	Grey (drive/pulley)
Tension member material	Polyamide sheet, highly-orientated

Technical data

Total thickness	3,2 mm ± 0,15 0,126 in ± 0,006
Weight	3,5 kg/m² 0,717 lbs/ft²
Fw' at 1 % elongation at fitting	30 N/mm / 171,3 lbf/in
Relaxed specific shaft load at 1 % elongation at fitting and 180° arc of contact in N/mm belt width.	
k1% value relaxed	15 N/mm / 85,65 lbf/in
Elongation at break longitudinal	14 %
Nominal effective pull (Fu',Nenn)	30 N/mm
Elongation at fitting min.	1,5 %
Elongation at fitting max.	3 %
Friction coefficient of top face against steel panel according to internal test instruction	0,9
Friction coefficient of underside against steel panel according to internal test instruction	0,9
Permissible operating temperature	-20/80 °C -4/176 °F

The physical data in this data sheet is approximate, can alter depending on production environments. The belts should be stored under normal ambient conditions climate (23 °C, 50 % humidity) as per DIN EN ISO 291. Fluctuations in climate can cause variations. See our brochure “Compendium Flat Belts” no. 333 which shows the types of belts that can be supplied and the manufacturing tolerances. Customised types require written confirmation.

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Properties	
Troughable	No
Suitable for accumulation	No
Not susceptible to shocks	Yes
High edge stability	Yes
Abrasion-resistance of surface with constant grip	Yes

Food properties	
	Not suitable for the transport of unpacked food according (EU) 10/2011 and (EC) 1935/2004, FDA 21CFR or MHLW 370.

Electrostatic properties	
Antistatic	Belt material with an electrically conductive antistatic agent. Volume resistance (RDi) in longitudinal direction parallel to plane of belt < 3 x 10^8 Ω. Measurement according DIN EN ISO 21178.

Fabrication	
Belt edge sealing	No
Profiles on top face	No
Profiles on underside	No

Minimum drum diameter	
Wedge overlap splice, counter-bending	125 mm / 4,9 in

Applications	
Distribution Parcel, Carrier, Sores	Live roller conveyors
Paper Manufacturing	Paper machines
Printing	Winding paper, unwinding paper
Yarn	2-pulley power transmission belt; Multi-pulley power transmission belt; Ring spinning frames (Marzoli); Ring spinning frames (Zinser 321); Tangential belt; Tangential belt / sectional drives

Application Group	Tangential Belts

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Remarks

► The Siegling Extremultus GT and GG types are not sensitive to oils and greases, as well as commonly-available solvents. However using in oily or greasy conditions (e.g. oil vapour) is not to be recommended (risk of the belt slipping – if possible use LT or LL types). Siegling Extremultus is not resistant to organic and inorganic acids.
► Storage at standard climatic conditions (23°C / 50% humidity) recommended. Changes in dimensions possible when conditions do not apply.

Chemical resistance	G

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