Product Data Sheet

GG 20E-30 green



Art. No.: 855538 M 1:2

Applications

Distribution Parcel, Carrier, Sores	Live Roller conveyor
Packaging	Box folding machines; FlexoFolderGluer FFG (corrugated): folder gluer belt
Paper Manufacturing	Tube winders
Paper Manufacturing, Packaging	Carrier belt for paper and packaging
Application Group	Machine Tapes; Folder Gluer Belts

Order information

Article number	855538
Standard delivery width	500 mm / 19.69 in
Maximal delivery width (without longitudinal seam) on request	1000 mm / 39.37 in

GG 20E-30 green

Construction

Surface material top face	Elastomer G
Surface pattern	Normal texture
Color	Green
Surface material underside	Elastomer G
Surface pattern	Normal texture
Color	Green
Tension member material	Polyester fabric, highly flexible

Technical data

Total thickness	3 mm ± 0.1 0.118 in ± 0.004
Weight	3.4 kg/m² 0.696 lbs/ft²
Fw‘ at 1 % elongation at fitting	23 N/mm / 131.33 lbf/in
Relaxed specific shaft load at 1 % elongation at fitting and 180° arc of contact in N/mm belt width.	
k1% value relaxed	11.5 N/mm / 65.67 lbf/in
Elongation at break warp	10 %
Nominal effective pull (Fu',Nenn)	20 N/mm
Recommended Elongation at fitting min.	0.3 %
Recommended Elongation at fitting max.	2 %
Friction coefficient of top face against steel panel according to internal test instruction	1.1
Friction coefficient of underside against steel panel according to internal test instruction	1.1
Permissible operating temperature	-20/70 °C, for a short time 80 °C -4/158 °F, for a short time 176 °F

GG 20E-30 green

Properties

Troughable	No
Suitable for accumulation	No
Not sensitive to climatic fluctuation	Yes

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

Mechanical fasteners	
Z- splice - 70 x 11,5 mm, counter-bending	40 mm / 1.6 in

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.**	
Chemical resistance	b

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.

Date of last change: 9/4/2024 11:37:57 AM