

siegling extremultus

flat belts

Our high-efficiency
tangential belts:
**energy-efficient,
with longer service lives**



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Whether used as power transmission belts for cards and draw frames, or as tangential belts for ring spinning frames, twisters and texturing frames: with the reinforced tension members made of polyester or aramide, power requirements are much lower than in belts with conventionally designed tension members.

The combination of stronger tension members and enhanced elastomer coatings equals much longer service lives and virtually constant yarn twisting.

The properties

reinforced tension member



excellent power transmission,
no re-tensioning

longitudinally flexible



low power consumption,
small pulley diameters

enhanced friction coating



long service lives with stable friction coefficient, even yarn rotation

homogeneous splice
(Z-splice without adhesive)



little vibration during tracking
(so kind to bearings), simple to splice

when spindle face finely patterned



low noise emissions

Energy costs

Service life

	Belt thickness [mm]	d _{min} [mm]	Nominal effective pull approx. [N/mm belt width]	Nominal working effective pull [% of belt length]	Maximum transferable effective pull approx. [N/mm belt width]	Elongation at fitting Tangential belts [%]	Elongation at fitting Transmission belts [%]	Weight approx. [kg/m ²]	Permitted operating temperature [°C] (constant temperature)	Coatings**	Motor face Colour, Pattern	Wharve face Colour, Pattern
GG 20E-20 NSTR/FSTR grey/black	2.0	24	20	2.0	20	1.5–2.0	1.0–2.0	2.2	–20/+70	G	Grey, Normal pattern	Black, Fine pattern
GG 30E-25 NSTR/FSTR grey/black	2.5	30	30	2.0	30	1.5–2.0	1.0–2.0	2.75	–20/+70	G	Grey, Normal pattern	Black, Fine pattern
GG 30E-30 NSTR/NSTR black	3.0	60	30	2.0	30	1.5–2.0	1.0–2.0	3.25	–20/+70	G	Black, Normal pattern	Black, Normal pattern
GG 40E-32 NSTR/FSTR grey/black	3.2	60	40	2.0	44	1.5–2.0*	1.0–2.0*	3.45	–20/+70	G	Grey, Normal pattern	Black, Fine pattern
GG 40E-37 NSTR/NSTR black	3.7	60	40	2.0	44	1.5–2.0*	1.0–2.0*	4.15	–20/+70	G	Black, Normal pattern	Black, Normal pattern
GG 25A-25 NSTR/FSTR grey/black	2.5	40	25	1.0	25	0.3–1.0	0.3–1.0	2.7	–20/+70	G	Grey, Normal pattern	Black, Fine pattern
GG 40A-32 NSTR/FSTR grey/black	3.2	60	40	1.0	40	0.3–1.0	0.3–1.0	3.45	–20/+70	G	Grey, Normal pattern	Black, Fine pattern

* Max. elongation at fitting 2.5 % possible

** G = extremely abrasion-resistant elastomer coating

NEW



MOVEMENT SYSTEMS

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