

GG 20P-26 HP
The rotary belt
for top performance

siegling extremultus
flat belts

NEW

Siegling – total belting solutions

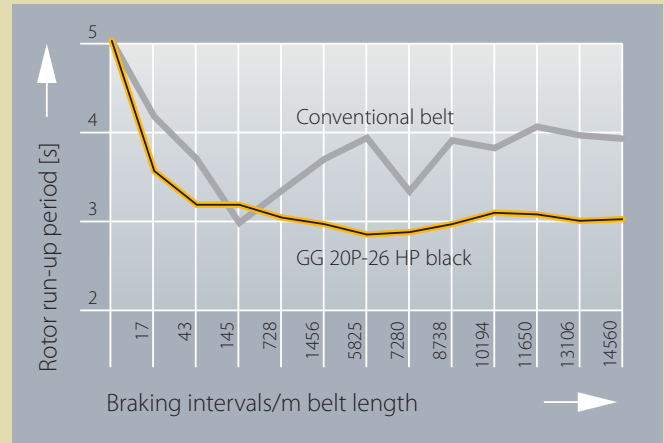
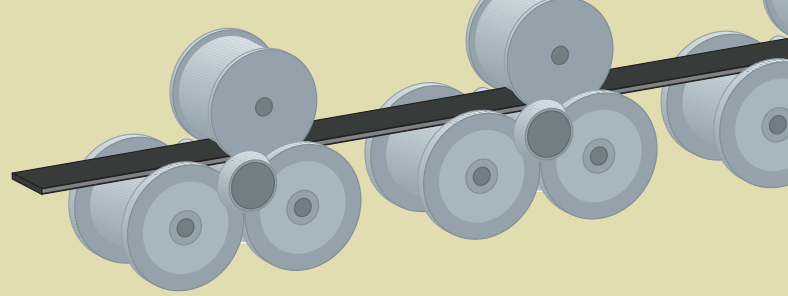
forbo

MOVEMENT SYSTEMS

The rotary belt for top performance

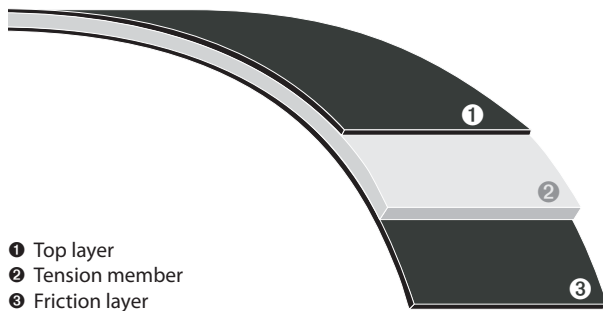
Called GG 20P-26-HP black, Forbo Siegling has created a new milestone in rotor power transmission technology: The new black elastomer coating hardens much less (does not vitrify) and will maintain constant friction during the overall operating time. As a result, consistent, short run-up periods are achieved over the belt's entire service life.

In combination with HP precision grinding, the belts operate particularly quietly with little vibration. This is gentle to the twin disc bearing and increases efficiency and lifetime of the belt.



The Properties

high module of elasticity with good damping properties	▶	better running properties, greater power transmission
new wear resistant black friction coating (does not vitrify)	▶	constant grip and rotor acceleration over the service life
HP-precision ground texture on the highly wear-resistant friction coating	▶	reliable yarn quality, reduced noise, less vibrations preserves the twin disc bearings
robust overlap splice with ground finish	▶	increased operating reliability due to edge resistance homogeneous splice – bearings are treated gently, less noise
special fabrication and control	▶	improved belt tracking, maintenance free, increased operation reliability



- ❶ Top layer
- ❷ Tension member
- ❸ Friction layer

Technical Information	GG 20P-26 HP black	
Belt thickness approx.	[mm]	2.6
d_{min}	[mm]	90
Nominal effective pull approx.	[N/mm width]	20
Nominal working elongation	[% of belt length]	2.0
Max. transmittable effective pull	[N/mm belt width]	25
Elongation at fitting	[% of belt length]	1.5 – 3.5
Weight approx.	[kg/m ²]	3.3
Permissible operating temperatures	[°C]	-20/+80