

Product range



siegling propipe feeder and haul-off belts



siegling propipe

feeder and haul-off belts

Powerful and gentle

Regardless of the forces involved: with splice-free tension members and vulcanised top faces, Siegling Propipe will gently, but reliably get all finished and semi-finished products on the move. Their extreme resistance to abrasion ensures both long service lives and economical operation.

There are two specialised series of Siegling Propipe belts:

As **feeder belts** for wide belt sanders, planers and brushing machines, they play a key role in exact and efficient board material processing. As **haul-off belts** they guide, lay and haul cables of all types, extruded profiles, steel cords, pipes and hoses with a high degree of precision.

Contents

Siegling Propipe Feeder belts for board processing	4
Siegling Propipe Haul-off belts for haul-off units	6

The properties

The advantages

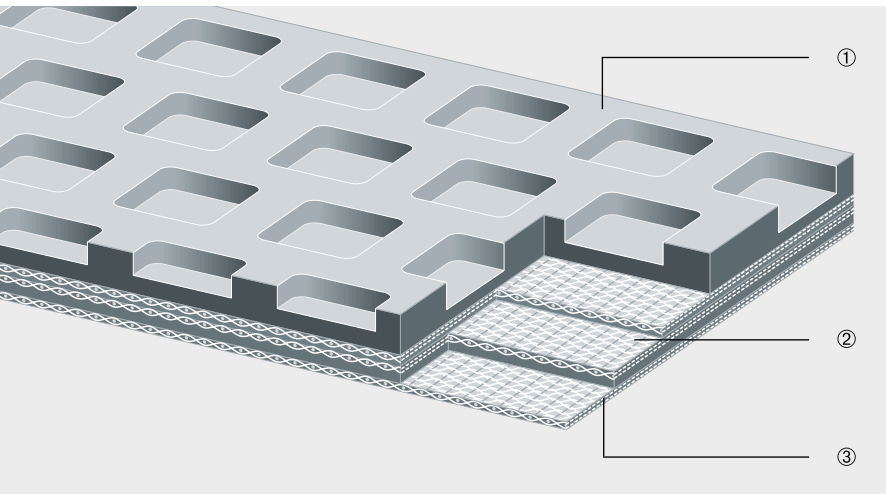
high level of drag	▶	excellent grip with no creep
dimensionally stable	▶	reliable and maintenance free
low drag underside	▶	smooth tracking, low energy loss
long service life	▶	economical to run
flexible lengthways	▶	low power consumption



MOVEMENT SYSTEMS

siegling propipe

Feeder belts for board and panel processing



① **Top face** | Perfect adaption of hardness and elasticity to the process concerned, due to different shore hardness and patterns.
Available in natural rubber NR and nitrile butyl rubber NBR.

② **Tension member** | Tension member without splice and low lengthways elongation in four different strengths.

③ **Underside** | Low drag, abrasion-resistant underside.

As a feeder belt for wide belt sanders, planers and brushing machines in the wood and metal working industry, Siegling Propipe plays a key role in the exact and efficient manufacture of board products.

Siegling Propipe belts are totally flat and the same thickness. With different surface patterns and hardness, we have the right belt type for any kind of material or process.

Made to precise tolerances in the dimensions you specify.



Product range									
Type designation									
Strength category*	Pattern	Colour**	40 Shore [A]	50 Shore [A]	60 Shore [A]	70 Shore [A]	Thickness [mm]	Work load [N/mm]	Elongation at fitting [%]
									d _{min} [mm]
S	AP25	GY		●	●	●	7.5	12	1.5
S	AP25	BK			●		7.5	12	1.5
S	AN25	GY		●	●		7.5	12	1.5
S	QN10	GY		●	●	●	7.5	12	1.5
S	QN15	GY	●	●	●	●	7.5	12	1.5
S	RN12	GY		●	●		7.5	12	1.5
S	RN12	BK			●		6.5	12	1.5
S	RN20	GY		●	●		7.5	12	1.5
L	AP25	GY		●	●	●	9	20	1.4
L	AP25	BK			●		9	20	1.4
L	AN25	GY		●	●	●	9	20	1.4
L	QN10	GY		●	●	●	9	20	1.4
L	QN10	BK			●		9	20	1.4
L	QN15	GY		●	●	●	9	20	1.4
L	RN12	GY		●	●		8	20	1.4
L	RN12	BK			●		8	20	1.4
L	RN20	GY		●	●		9	20	1.4
L	TN15	GY			●		9	20	1.4
M	AP25	GY		●	●		9	22	1.2
M	AP25	BK			●		9	22	1.2
M	AN25	GY		●	●		9	22	1.2
M	QN10	GY		●	●	●	9	22	1.2
M	QN15	GY		●	●		9	22	1.2
M	RN12	GY		●	●		8	22	1.2
M	RN20	GY		●	●		9	22	1.2
P	AP25	GY		●	●		10	30	1.3
P	AN25	GY		●	●	●	10	30	1.3
P	QN10	GY		●	●		10	30	1.3
P	QN15	GY	●	●	●		10	30	1.3
P	RN12	GY		●	●		9	30	1.3
P	RN20	GY		●	●		10	30	1.3

Dimensions produced

Length min. (width ≤ 600 mm)	1740 mm
Length min. (width > 600 mm)	1870 mm
Length max. (standard)	5765 mm
Width max. (standard)	1360 mm

Length max. (special dimensions)	6000–24000 mm
Width max. (special dimensions)	2200 mm

Tolerances

Internal length	≤ 5000 mm	+ 0.5/–1 %
	> 5000 mm	± 1 %
Width	≤ 2000 mm	± 1 %, min. 3 mm
Thickness		± 0.5 mm

Key

* Tension member		Underside
S = single-ply polyester fabric	+	polyester fabric
L = double-ply polyester fabric	+	polyester fabric
M = double-ply polyester fabric	+	cotton fabric
P = triple-ply polyester fabric	+	polyester fabric (cotton on request)

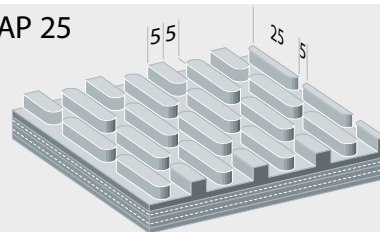
** GY = grey
Very shock and tear proof, resists pressure with high level of drag.

BK = black

Same properties as GY, but also antistatic in accordance with DIN 22104. A further black recipe resistant to oil and grease is also available on request.

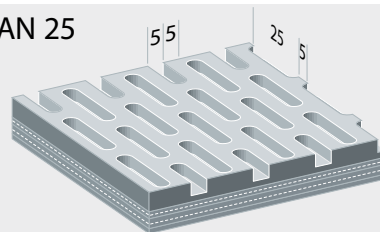
Patterns (Scale 1:2)

AP 25



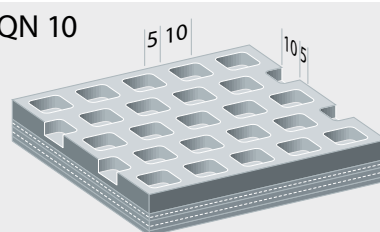
For finishing and polishing; with excellent adhesive properties.

AN 25



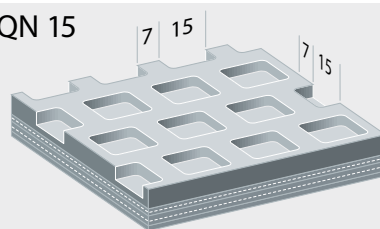
Especially for edge polishers, or narrow belt sanders.

QN 10



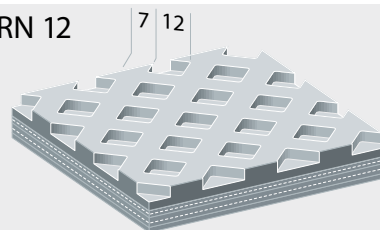
Even surface with good resistance to pressure and good grip.

QN 15



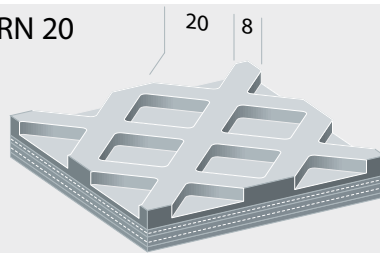
Even surface, especially good for precision processing.

RN 12



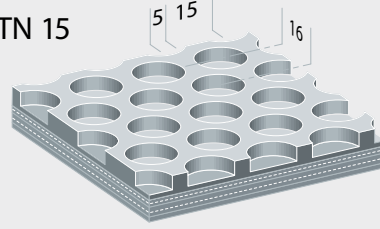
Particularly resistant to pressure, good grip in vacuum systems.

RN 20



Very good grip in vacuum systems.

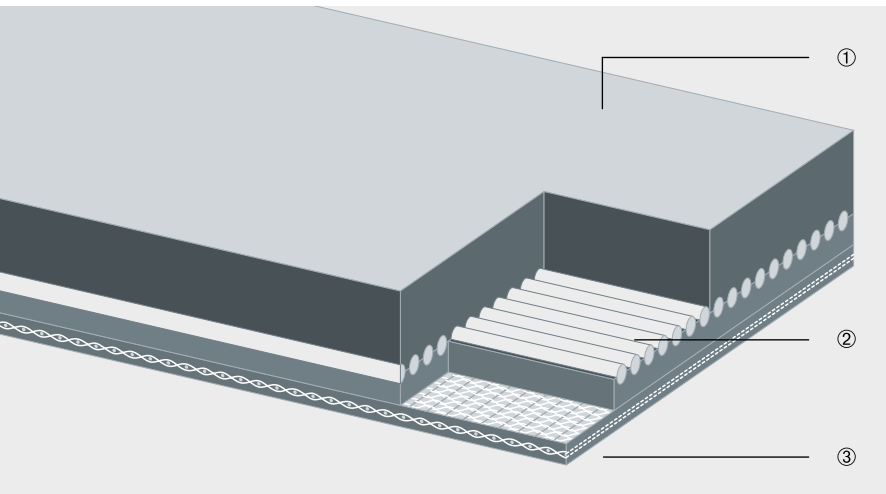
TN 15



Even surface with good resistance to pressure and good grip.

siegling propipe

Haul-off belts for haul-off units



① **Top face** | Perfect adaption to the process concerned, due to different surfaces and profiles in the rubber.

② **Tension member** | Helically-wound endless tension member with low lengthways elongation in two different strengths.

③ **Underside** | High-slip, abrasion-resistant underside made of rubber.

As haul-off belts, Siegling Propipe belts guide, lay and haul cables of all types, extruded profiles, steel cords, pipes and hoses very accurately.

Siegling Propipe belts are completely flat and the same thickness. To avoid deforming the goods conveyed, lengthways grooves can also be applied. Because the belt pairs are the same length, they can be tensioned simultaneously.

They are made to precise tolerances to the dimensions you specify.

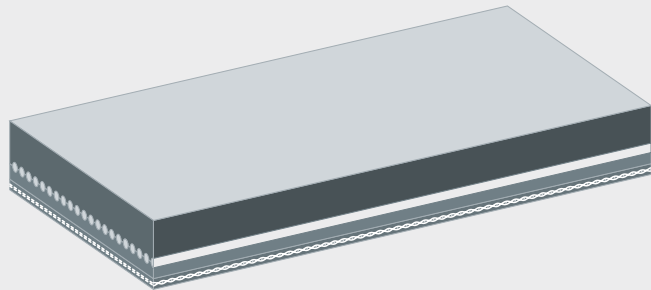
Siegling Propipe haul-off belts are made of tough rubber, can be used in temperatures up to 110°C and are resistant to oil.



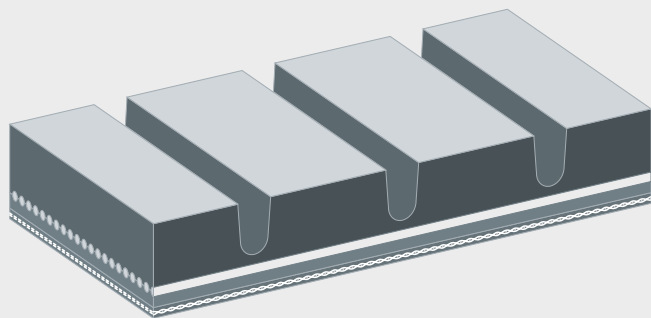
Product range						
Type designation						
	Type	Shore hardness [A]*	Thickness [mm]	Surface**		d _{min} [mm]
TP	800	65	15	GL		250
TP	800	65	15	LG		250
TP	800	65	16	GL		250
TP	800	65	16	LG		250
TP	800	65	18	GL		250
TP	800	65	18	LG		250
TP	800	65	20	GL		330
TP	800	65	20	LG		330
TP	800	65	22	GL		330
TP	800	65	22	LG		330
TP	800	65	25	GL		330
TP	800	65	25	LG		330
TP	1250	65	12	GL		350
TP	1250	65	12	LG		350
TP	1250	65	15	GL		350
TP	1250	65	15	LG		350
TP	1250	65	16	GL		350
TP	1250	65	16	LG		350
TP	1250	65	18	GL		350
TP	1250	65	18	LG		350
TP	1250	65	20	GL		400
TP	1250	65	20	LG		400
TP	1250	65	22	GL		400
TP	1250	65	22	LG		400
TP	1250	65	25	GL		400
TP	1250	65	25	LG		400

Profiles, surfaces

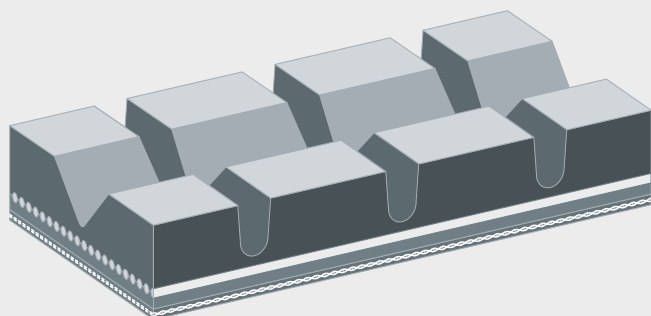
Example 1 · Smooth surface (GL)



Example 2 · Lateral grooves (LG)



Example 3 · Individual grooves possible on request



Dimensions produced

Length min.	1740 mm
Length max.	19000 mm
Width min.	50 mm
Width max.	300 mm
Thickness (standard)	12 – 25 mm
Thickness max. (special dimensions)	30 mm

Tolerances

Length endless	≤ 5000 mm	± 0.5 %
	> 5000 mm	± 1 %
Width	≤ 200 mm	+ 3/-0 mm
	> 200 mm	+ 4/-0 mm
Thickness		+ 2/-0 mm

Key

* Other Shore A hardness levels with smaller d_{min} available on request.

** **GL** = Smooth surface
LG = Lateral grooves

Siegling – total belting solutions

Committed staff, quality-orientated organisation and production processes ensure the constantly high standards of our products and services. The Forbo Siegling Quality Management System is certified in accordance with ISO 9001.

In addition to product quality, environmental protection is an important corporate goal. Early on we also introduced an environmental management system, certified in accordance with ISO 14001.



Forbo Siegling service – anytime, anywhere

The Forbo Siegling Group employs more than 2,000 people. Our products are manufactured in nine production facilities across the world. You can find companies and agencies with warehouses and workshops in over 80 countries. Forbo Siegling service points are located in more than 300 places worldwide.