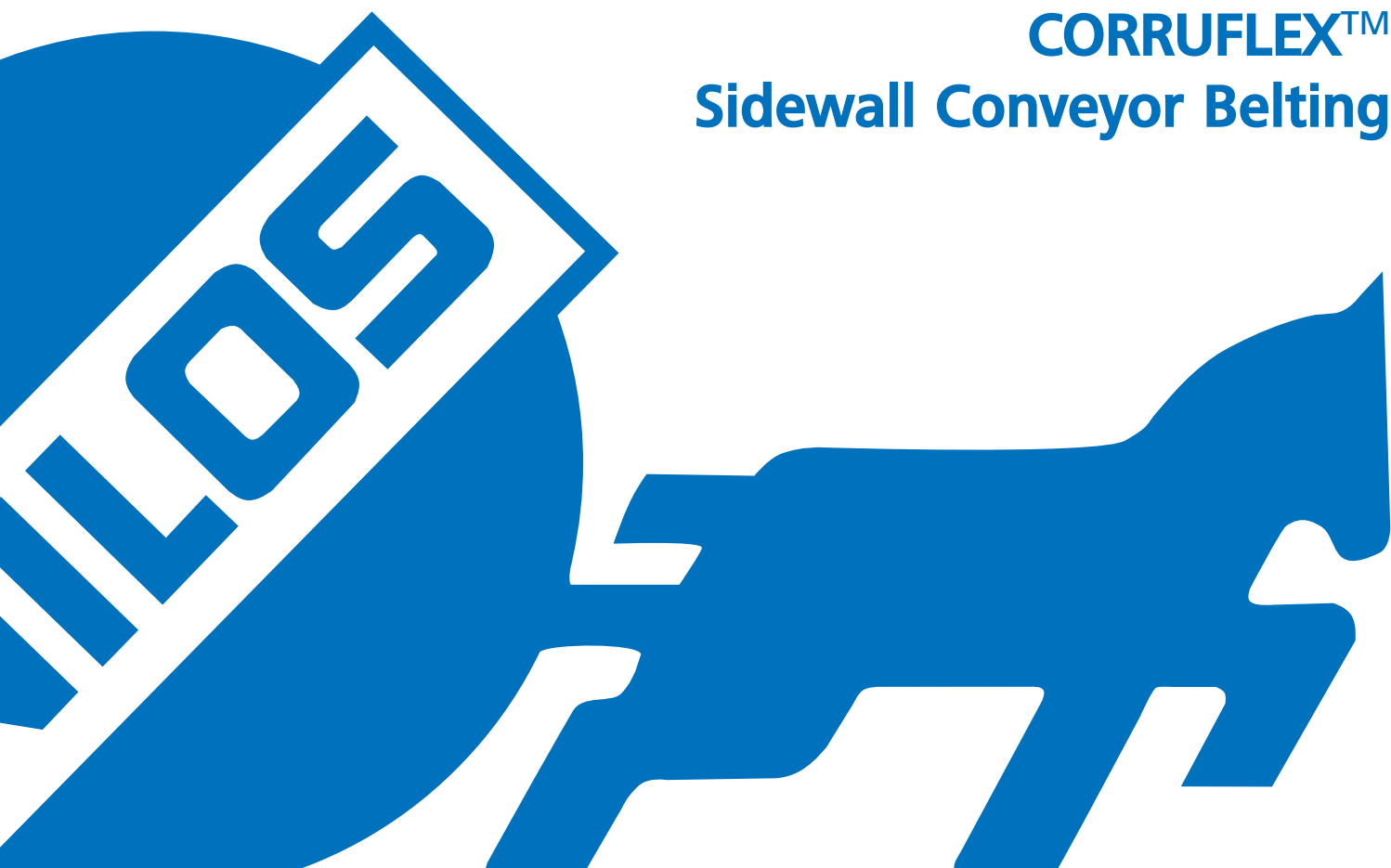




NILOS

CORRUFLEX™
Sidewall Conveyor Belting





NILOS

CORRUFLEX™ one of the world's most experienced suppliers of sidewall conveyor belting with more than a century of combined experience in all aspects of sidewall belt technology enabling us to provide high quality products and service to all clients.

CORRUFLEX™ For your needs in the handling of bulk good.



For more than 50 years, Sidewall belting, has been developed into a primary solution for steep incline and vertical conveying of bulk materials. The critical features that apply to CORRUFLEX™ Sidewall Belts are engineered into the individual components that make up a complete sidewall belt and these are as follows-

All CORRUFLEX™ sidewall belts are available in the following rubber grades:

- Abrasion Resistant
- Heat Resistant, in varying grades according to material temperature, characteristics and conveyor design
- Oil/Fat Resistant
- Flame Retardant
- White Food Quality

Product Range

Base Belt:

Designed and selected for each application, consisting of high transverse rigidity in conjunction with low elongation. The belts can be of all - textile design, a combination of textile and transverse steel cords or all steel cord design, according to the strength required and application requirements.

Additional specifications are available according to client's request or application requirements. All steel cord designs generally start from $\geq 1250\text{N/mm}$.

Type	Covers	Tensile Strength	Thickness	Weight
XR 250/2	2:2 mm	250 N/mm	8,0 mm	9,4 kg/m ²
XR 400/3		400 N/mm	11,4 mm	13,3 kg/m ²
XR 400/3+2	12,3 mm		14,0 kg/m ²	
XR 500/3+2	500 N/mm		12,9 mm	14,7 kg/m ²
XR 630/4+2	4:2 mm	630 N/mm	14,3 mm	16,4 kg/m ²
XR 800/5+2		800 N/mm	15,6 mm	18,2 kg/m ²
XR 1000/5+2		1000 N/mm	15,8 mm	18,6 kg/m ²
XR-SC630/4+2		630 N/mm	14,7 mm	20,6 kg/m ²
XR-SC 800/5+2		800 N/mm	16,1 mm	22,3 kg/m ²
XR-SC1000/5+2		1000 N/mm	16,3 mm	22,7 kg/m ²

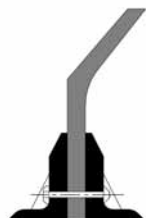
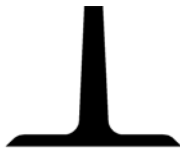
Sidewalls:

Manufactured from a high grade rubber compound specifically formulated to provide the optimal flexing performance which is provided by high strength and elongation. Our sidewalls are also available with an additional diagonal fabric reinforcement which is a standard feature for 75mm and 100mm wide sidewalls and optional on the 50mm wide sidewalls.

The foregoing are standard sidewall heights but others including higher ones are available.

Type	Height	Base width	Fabric reinforced	Weight		
S40	40 mm	30 mm	no	0,5 kg/m ²		
S60	60 mm			1,6 kg/m ²		
S80	80 mm			1,9 kg/m ²		
S100	100 mm			2,2 kg/m ²		
S120	120 mm			2,5 kg/m ²		
SW120R	120 mm	75 mm	yes	3,7 kg/m ²		
SW160R	160 mm			4,7 kg/m ²		
SW200R	200 mm			5,7 kg/m ²		
SW240R	240 mm			6,7 kg/m ²		
SW250R	250 mm			7,0 kg/m ²		
SW280R	280 mm			7,7 kg/m ²		
SW300R	300 mm			8,3 kg/m ²		
HSW300R	300 mm			100 mm	yes	12,1 kg/m ²
HSW400R	400 mm					15,2 kg/m ²





Cleats:

These are available in varying heights and designs which are selected according to the application requirements. Our cleat range provides optimal conveying capacity and load support along with abrasion resistance and discharge performance. Cleats from $\geq 140\text{mm}$ are fabric reinforced as standard and optional on lower cleats.

Type "T"	Height	Base width	Fabric reinforced	Weight
T40		70 mm		0,55 kg/m ²
TB40	40 mm	80 mm		0,90 kg/m ²
TK40		110 mm	no	1,70 kg/m ²
T55	55 mm	80 mm		1,40 kg/m ²
T75	75 mm	100 mm		1,75 kg/m ²
T90	90 mm	110 mm	no *	2,40 kg/m ²
T110	110 mm			2,70 kg/m ²
T140R	140 mm	150 mm	yes	6,00 kg/m ²
T180R	180 mm			7,50 kg/m ²
T230R	230 mm	160 mm	yes	9,40 kg/m ²

Type "C"	Height	Base width	Fabric reinforced	Weight
C35	35 mm	70 mm		0,50 kg/m ²
C55	55 mm	90 mm	no	1,45 kg/m ²
C75	75 mm			1,95 kg/m ²
C90	90 mm	110 mm	no *	2,25 kg/m ²
C110	110 mm			2,45 kg/m ²

Type "TC"	Height	Base width	Fabric reinforced	Weight
TC75	75 mm	85 mm	no	1,85 kg/m ²
TC90	90 mm	110 mm	no *	2,40 kg/m ²
TC110	110 mm			2,70 kg/m ²
TCR140	140 mm	150 mm		5,50 kg/m ²
TCR180	180 mm			6,80 kg/m ²
TCR230	230 mm		yes	8,70 kg/m ²
TCR260	260 mm	160 mm		10,20 kg/m ²
TCR280	280 mm			11,50 kg/m ²

Type "TC-XS"	Height	Base width	Fabric reinforced	Weight
TC-XS	280 mm	225 mm	yes	19,60 kg/m ²
	360 mm			22,80 kg/m ²

* can be supplied with fabric reinforcement to special order.

Technical questionnaire



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 info@nilos.de
 www.nilos.de

Please fill out this questionnaire as completely as possible:

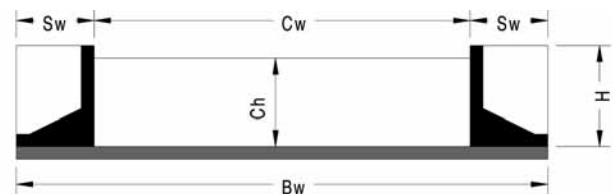
Mr Mrs



Belt specification

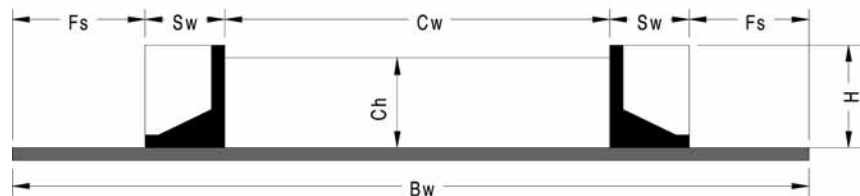
1. Bw _____ mm 2. Cw _____ mm

3. H _____ mm 4. Ch _____ mm



Sidewalls on belt edges

5. Cleat Type:



Sidewalls inset from belt edges

6. Cleat Pitch _____ mm 7. Sw _____ mm 8. Fs _____ mm

9. Belt Length _____ m 10. Base Belt _____ 11. Belt Quality _____

Technical questionnaire



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Mr Mrs

 Contact person

 Phone

 E-Mail

 Company

 Street & no.

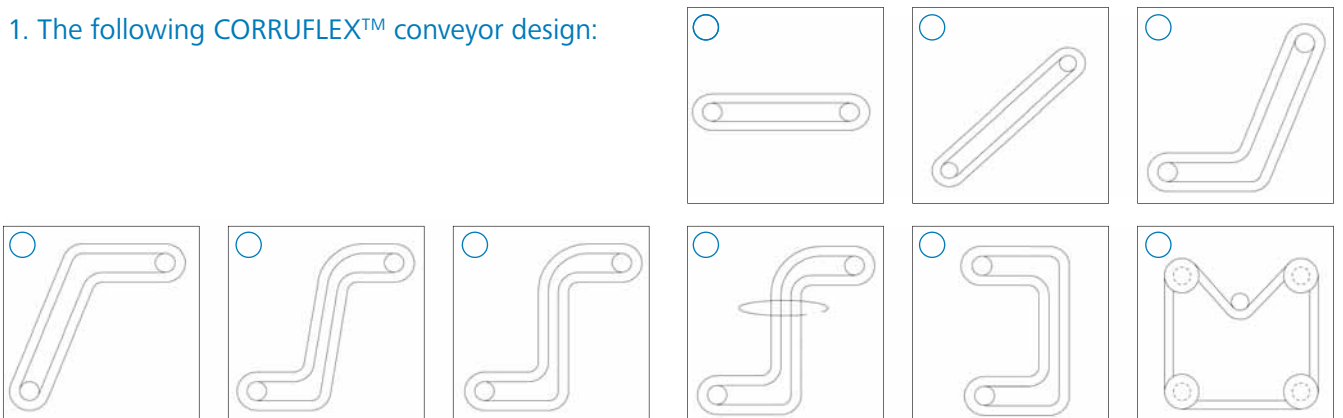
 Zip Code & City

 Country

 Country of use



1. The following CORRUFLEX™ conveyor design:



2. Length of feed
 _____ m

3. Lift height
 _____ m

4. Length of incline
 _____ m

5. Length of discharge
 _____ m

6. Angle of feed
 _____ °

7. Angle of incline
 _____ °

8. Angle of discharge
 _____ °

9. Comments

10. Material description

11. Lump Size
 _____ mm

12. Tonnage:
 _____ t/h

13. Volume
 _____ m³/h

14. Temperature
 _____ °C

15. Density
 _____ t/h

16. Repose Angle*
 _____ °

17. Oil/Fat Present
 yes no

18. Comments

* Repose Angle is the angle the material forms when poured onto a horizontal surface.



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