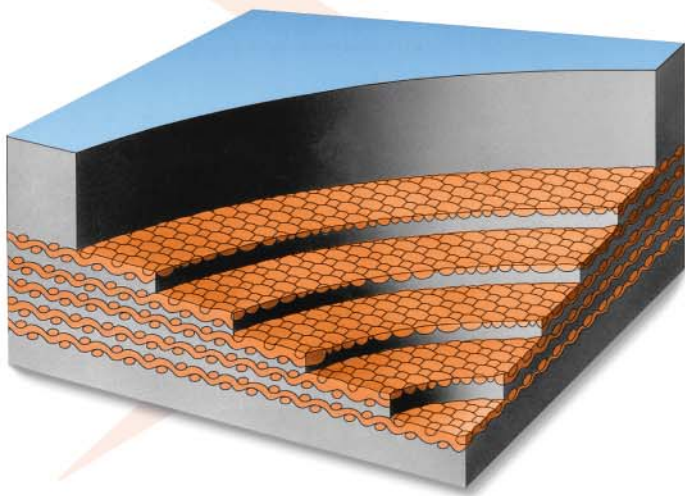


Superfort®

The industrial standard in reliability

For each application there is an ideal SUPERFORT conveyor belt:

- **Tensile strengths varying between 200 and 3150 N/mm**
- **High quality cover compounds for -60°C up to +200°C, fire resistant, oil, grease and abrasion resistant**
- **Standard products available from stock for 10 metres and longer**



Fenner Dunlop, your best conceivable guarantee for continuity

Fenner Dunlop offers you a level of professional support, which may make the difference between smooth running and breakdown. Our Application Engineering Department selects the exact SUPERFORT carcass and cover compounds for your application. Together with our Research and Development Department we develop the required modifications and made-to-measure products. And in cooperation with our global network of distributors and Fenner Dunlop service-points we are always in your vicinity. Because of that we supply promptly and from stock. If necessary we can arrange in-house splicing for you. The result: minimum downtime and minimum costs per ton.

Robust carcass, top quality covers

Do you require unconditional reliability?

Do you aim for optimum cost efficiency?

Then you need to get to know SUPERFORT: a tried and tested carcass construction with good low elongation characteristics. SUPERFORT provides a reliable load bearer for a wide range of high quality covers.

Whether it involves baggage transport at international airports, goods in transit, steel processing or mining, SUPERFORT is the reliable, multifunctional solution for nearly every industrial application.

Special cover profiles:

- textile impression
- corrugated profile
- chevron profile
- made-to-measure products for specific production processes

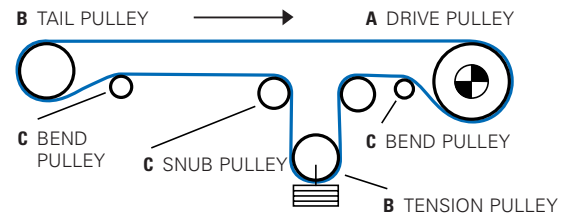
The extensive SUPERFORT product range

Belt type	Carcass thickness (mm)	Carcass weight (kg/m ²)	Pulley diameters*			Min. width** (mm)	Max. belt width for satisfactory load support material weight in t/m ² : **			
			A (mm)	B (mm)	C (mm)		<0.75 (mm)	0.75-1.5 (mm)	1.5-2.5 (mm)	2.5-3.2 (mm)
S 200/2	2.0	2.3	200	160	125	300	650	500	400	
S 250/2	2.0	2.3	200	160	125	300	650	500	400	
S 315/2	2.3	2.7	250	200	160	400	650	500	400	
S 315/3	2.8	3.3	315	250	200	400	1000	800	650	
S 400/2	2.9	3.2	315	250	200	400	1000	800	650	
S 400/3	2.8	3.3	315	250	200	400	1200	1000	800	
S 400/4	3.7	4.3	400	315	250	650	1400	1200	1000	
S 500/3	3.3	3.8	400	315	250	500	1200	1000	800	
S 500/4	3.7	4.3	400	315	250	650	1600	1400	1200	1000
S 630/3	4.0	4.5	400	315	250	500	1400	1200	1000	800
S 630/4	4.3	5.0	500	400	315	650	1600	1400	1200	1000
S 630/5	4.7	5.5	630	500	400	800	2000	1800	1600	1400
S 800/3	4.3	5.0	500	400	315	650	1600	1400	1200	1000
S 800/4	5.2	5.8	630	500	400	650	1800	1600	1400	1200
S 800/5	5.4	6.3	630	500	400	800	2000	1800	1600	1400
S 1000/4	5.9	6.8	630	500	400	800	2200	2000	1800	1600
S 1000/5	6.5	7.4	800	630	500	1000	2200	2200	2000	1800
S 1000/6	6.6	7.6	800	630	500	1000	2200	2200	2200	2000
S 1250/4	6.6	7.6	800	630	500	1000	2200	2200	2200	2200
S 1250/5	7.4	8.6	800	630	500	1000	2200	2200	2200	2200
S 1250/6	7.9	8.9	1000	800	630	1000	2200	2200	2200	2200
S 1600/4	7.9	9.3	1000	800	630	1200	2200	2200	2200	2200
S 1600/5	8.3	9.6	1000	800	630	1200	2200	2200	2200	2200
S 1600/6	9.0	10.3	1000	800	630	1200	2200	2200	2200	2200
S 2000/4	9.2	10.6	1000	800	600	1200	2200	2200	2200	2200
S 2000/5	10.0	11.8	1200	1000	800	1200	2200	2200	2200	2200
S 2500/5	11.7	13.3	1400	1200	1000	1200	2200	2200	2200	2200
S 2500/6	12.6	14.4	1400	1200	1000	1200	2200	2200	2200	2200
S 3150/5	13.5	15.4	1400	1200	1000	1200	2200	2200	2200	2200

* Diameter for belt-loads from 60% up to 100%. For lower loads a smaller diameter can be suitable as well.

** The load support of a belt is a factor of the belt width, belt strength and bulk material density. The table indicates the limits for correct load support, based on a three-idlers 30° set with idlers of equal length.

Technical features



Explanation:

To determine the total belt thickness:

Add the sum of the covers to the carcass thickness.
(This does not apply for fire resistant belts.)

To determine the belt-weight:

Multiply the sum of the covers by 1.15 and add the result to the carcass weight. (Except for fire resistant belts, for which other weights apply.)

Ask for expert advice!

If you have any questions, please call our Application Engineering Department for expert advice, free of charge.

A wide range of cover qualities

Fenner Dunlop quality		DIN quality	ISO quality	Permissible temp. °C *			Basic raw material	Technical features Application-area
				min.	cont.	max.		
Abrasion	RA	Y		-30	80	100	SBR	High abrasion resistance for normal industrial conditions in general transport engineering. Extra wear resistance to meet the demands of conveying highly abrasive materials. Excellent resistance to cuts, impact, abrasion and gouging resulting from large lump sizes of heavy, sharp materials and high drop heights.
	RS	W	D	-30	80	90	NR/SBR	
	RE	X	H	-40	80	90	NR	
Heat Resistant	Betahete	T		-20	150	170	SBR	Heat resistant for materials at moderate temperatures. Increased heat resistant for materials at a constant temperature. Increased heat resistant for heavy mechanical loads due to aggressive material. Up to 400° C for short periods of time (coke, clinker etc)
	Starhete	T		-20	180	220	IIR	
	Deltahete	T		-20	200	400	EPDM	
Oil and fat Resistant	ROM	G**		-20	80	90	SBR/NBR	Oil and fat resistant for most products with animal and vegetable oils and fats. Oil and fat resistant for products containing mineral oils.
	ROS	G		-20	80	120	NBR	
Fire Resistant	BVX	K/S***		-20	80	90	SBR	Fire resistant for the transport of inflammable and explosive materials such as coal dust etc. According to EN20284 and EN20340. Same features as ROM and also fire resistant. According to EN20284 and EN20340. Same features as ROS and also fire resistant. According to EN20284 and EN20340.
	BV ROM	K/S***		-20	80	90	SBR/NBR	
	BV ROS	K/S***		-20	80	90	NBR	

* The temperatures specified refer to the material that is to be transported on a conveyor belt, for elevator belts other values apply. For lower temperatures, please ask for our COLDSTAR, available in the qualities abrasion resistant (-60°C), oil and fat resistant (-30°C), and fire resistant (-40°C).

** In some cases (with products containing high concentrations of animal- and vegetable oils) ROS should be selected.

*** K is fire-resistant with covers. S is fire-resistant with and without covers. Other qualities for special applications on request.

All data and recommendations in this brochure have been drafted to the best of our knowledge, as accurately as possible and updated to reflect the most recent technological developments. Nevertheless we must inform you that some products may in the light of recent technological developments have been rendered obsolete. We cannot accept any responsibility for recommendations based solely on this brochure.

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