

SUPERFORT®

THE WORLD STANDARD IN QUALITY AND RELIABILITY

DUNLOP SUPERFORT® CONVEYOR BELTS. THE COST-EFFECTIVE SOLUTION TO A WIDE RANGE OF DEMANDS.

- Tensile strengths available from 250 N/mm up to 3150 N/mm
- Wide range of widths available, from 400 up to 2200mm
- High quality cover compounds suitable for -60°C up to +400°C, fire resistant, oil, grease and abrasion resistant
- Excellent availability from stock

DUNLOP CONVEYOR BELTING - VALUE FOR MONEY GUARANTEED

The highly versatile Dunlop Superfort® belt provides outstanding reliability and durability in a wide cross-section of industries, including cement, chemicals & fertilizers, mining, quarries, recycling, wood, paper and pulp, sugar & food, steel and transshipment.

Superfort® conveyor belts have a tried and tested carcass construction with particularly good low elongation characteristics. They are available in all Dunlop cover qualities including heat resistant, abrasion resistant, oil and fat resistant and fire resistant and are available from stock in 2, 3, 4, 5 and 6 ply versions. This enables Superfort® to provide a multifunctional solution for a wide variety of applications, from light duty such as baggage handling at international airports, to the heaviest of service conditions, especially where aggregate or bulk materials are being carried.

UNRIVALLED TECHNICAL SUPPORT AND GUIDANCE

When you buy from Dunlop you get more than just quality conveyor belts because we have one of the largest, most experienced and highly trained teams of conveyor belt specialists and application engineers in the industry.

Dunlop provides an unrivalled level of customer service - visiting our customers on-site, providing advice, guidance and practical support including:

- Site visits and surveys
- Belt calculation services
- Technical training (on-site and Dunlop based)
- Splice training
- Trouble shooting and problem solving
- In-house research, testing and development
- After-sales support

24/7 HELPLINE +31 (0) 512 585 555

Our 24-hour Helpline means that we are never more than a phone call away when our customers need our help or advice. This service is extremely well supported by our extensive network of highly reputable Dunlop Authorised Distributors, Vulcanisers and Approved Agents.

TECHNICAL INFORMATION THE EXTENSIVE SUPERFORT® PRODUCT RANGE

Belt type	Carcass thickness (mm)	Carcass weight (kg/m ²)	Pulley diameters*			Min. width** (mm)	Max. belt width (mm) for satisfactory load support with material density of t/m ³ : **			
			A (mm)	B (mm)	C (mm)		<0.75	0.75-1.5	1.5-2.5	2.5-3.2
S 250/2	2.1	2.5	200	160	125	300	650	500	400	
S 315/2	2.3	2.6	250	200	160	400	650	500	400	
S 400/2	2.8	3.2	315	250	200	400	1000	800	650	
S 400/3	3.0	3.5	315	250	200	400	1200	1000	800	
S 500/3	3.2	3.6	400	315	250	500	1200	1000	800	
S 500/4	3.9	4.5	400	315	250	500	1400	1200	1000	800
S 630/3	4.0	4.5	400	315	250	500	1400	1200	1000	800
S 630/4	4.2	4.7	500	400	315	650	1600	1400	1200	1000
S 630/5	5.0	5.8	630	500	400	800	2000	1800	1600	1400
S 800/3	4.5	5.1	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	5.3	6.0	630	500	400	800	2000	1800	1600	1400
S 1000/4	6.2	6.9	630	500	400	800	2200	2000	1800	1600
S 1000/5	6.6	7.4	800	630	500	1000	2200	2200	2000	1800
S 1000/6	6.5	7.4	800	630	500	1000	2200	2200	2000	1800
S 1250/4	6.7	7.6	800	630	500	1000	2200	2200	2200	2200
S 1250/5	7.8	8.7	800	630	500	1000	2200	2200	2200	2200
S 1250/6	8.0	8.9	1000	800	630	1000	2200	2200	2200	2200
S 1600/4	8.4	9.4	1000	800	630	1200	2200	2200	2200	2200
S 1600/5	8.5	9.6	1000	800	630	1200	2200	2200	2200	2200
S 1600/6	9.5	10.5	1000	800	630	1200	2200	2200	2200	2200
S 2000/4	9.7	10.7	1000	800	600	1200	2200	2200	2200	2200
S 2000/5	10.7	11.9	1200	1000	800	1200	2200	2200	2200	2200
S 2500/5	12.2	13.5	1400	1200	1000	1200	2200	2200	2200	2200
S 2500/6	13.0	14.4	1400	1200	1000	1200	2200	2200	2200	2200
S 3150/5	14.5	15.2	1600	1400	1200	1200	2200	2200	2200	2200

EXPLANATION:

To determine the total belt thickness (excluding fire resistant belts):

Add the sum of the covers to the carcass thickness.

To determine the belt-weight per square metre (excluding fire resistant belts for which other weights apply):

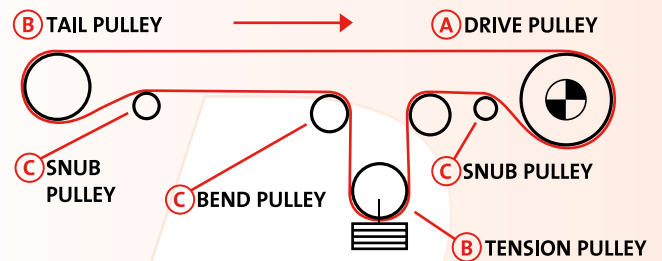
Multiply the sum of the covers by 1.15 and add the result to the carcass weight.

WE ARE HERE TO HELP!

If you have any concerns or questions, please call our Application Engineering Department on +31 (0) 512 585 555

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

** 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 three idlers of the same length set at 30°.



A WIDE RANGE OF COVER QUALITIES

All Dunlop cover qualities are anti-static according to EN ISO 284 and are extensively ozone tested in compliance with EN ISO 1431 ozone resistance (50 ppm, strain 20%, 96 h no cracking) in order to avoid premature failure due to cracking of the belt surface. All Dunlop cover qualities perform well beyond the minimum requirements of the international standards mentioned in the table below and comply to REACH regulation.

Dunlop cover quality	DIN quality	EN/ISO quality	Permissible temperature °C*			Base polymer	Technical features	
			Min. ambient	Cont. Material	Peak Material			
Abrasion resistant	AA		-30	80	100	SBR	Abrasion resistant for normal service conditions. Abrasion resistant for more severe service conditions. Excellent resistance to cuts, impact, abrasion and gouging resulting from large and heavy lump sizes. Impact and extra wear resistance for conveying highly abrasive materials of mixed lump sizes.	
	RA	Y	-30	80	100	SBR		
	RE	X	-40	80	90	NR		
	RS	W	D	-30	80	90		NR/SBR
Heat resistant	Betahete	T	-20	160	180	SBR	Heat and wear resistant for high temperature materials. Superior heat resistant for heavy duty service conditions, up to 400 °C for short time intervals.	
	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 retardant	BV	K/S***	2A/2B	-20	80	90	SBR	Fire retardant and abrasion resistant according to EN 12882 and EN ISO 340. Highly fire retardant for above ground according to EN 12882 and EN ISO 340. Combines features of ROM and fire retardant according to EN 12882 and EN ISO 340. Combines features of ROS and fire retardant according to EN 12882 and EN ISO 340. Combines features of Betahete, ROS and fire retardant according to EN 12882 and EN ISO 340.
	VT	VT	4A/5A****	-15	80	90	CR/SBR	
	BVROM	K/S***	2A/2B	-20	80	90	SBR/NBR	
	BVROS	K/S***	2A/2B	-20	80	90	NBR	
	BVGT	T/G/K/S***	T1/2A/2B	-20	150	170	CSM	

Other cover grade qualities for special applications and extreme low temperatures are available upon request.

* The minimum (min) temperatures specified in this document refer to the ambient temperature of the surrounding area. The continuous (cont.) and peak temperatures relate to the material that is to be transported on a conveyor belt. For elevator belts other values apply.

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

*** K = fire retardant with covers
S = fire retardant with and without covers.

**** Limited to specific belt constructions.

All data and recommendations in this brochure have been supplied to the best of our knowledge, as accurately as possible and updated to reflect the most recent technological developments. Some products may have been rendered obsolete in the light of more recent technological developments. We cannot accept any responsibility for recommendations based solely on this brochure.

DUNLOP CONVEYOR BELTING (HEAD OFFICE) • Oliemolenstraat 2, PO box 14 • 9200 AA Drachten • The Netherlands • Tel. +31 (0) 512 585 555 • Fax +31 (0) 512 524 599
 POLAND • Tel. +48 (0) 32 218 5070 • FRANCE • Tel. +33 (0) 130555419 • SPAIN • Tel. +34 (0) 93 770 45 97 • RUSSIA • Tel. +7 495 780 88 64 • GERMANY • Tel. +49 (0) 1729 72 93 02
 ITALY • Tel. +39 (0) 363 906266 • UNITED ARAB EMIRATES • Tel. +971 (0) 4 880 6337 • WEST AFRICA • Tel. +233 (0) 302 799011 • MOROCCO • Tel. +212 (0) 522 34 65 80/85