DUNLOP CONVEYOR BELTING

DUNLOP SUPERFORT

THE TOUGHEST, HARDEST WEARING, LONGEST LASTING CONVEYOR BELTS IN THE WORLD

WEAR RESISTANCE · TEAR STRENGTH · TENSILE STRENGTH

DUNLOP SUPERFORT® CONVEYOR BELTS

THE COST-EFFECTIVE SOLUTION TO A WIDE RANGE OF DEMANDS

Dunlop Superfort 'long life' multi-ply conveyor belts have a long history of outstanding reliability and durability. This is because they significantly exceed the international standards for tear strength, tensile strength at break (for both the carcass *and* the covers): adhesion between the plies and between the covers and the carcass and elongation at break. Superfort also has particularly good low elongation (low stretch) characteristics. Dunlop Superfort 'long life' belts are the ideal solution for a wide variety of applications, from light duty up to the very heaviest, toughest materials and the most challenging working environments.

- Exclusively manufactured in Holland
- Tensile strengths available from 250 N/mm up to 3150 N/mm
- Wide range of widths available, from 400 up to 2200 mm
- High quality cover compounds suitable for -60°C up to +400°C, abrasion, heat, fire resistant, oil, grease and cold resistant
- Safe to handle – fully compliant with REACH regulations
- Fully ozone resistant (EN/ISO 1431)
- Excellent adhesion capabilities
- Two-year guarantee against faulty workmanship and/or materials.

THE DUNLOP GUARANTEE OF QUALITY 2 YEAR DUNLOP

COMPLIANT REACH EUROPEAN CHEMICALS AGENCY

DUNLOP COVER QUALITY		DIN QUALITY	EN/ISO QUALITY	TECHNICAL FEATURES
Abrasion resistant	AA			Abrasion resistant for normal service conditions.
	RA	Y		Abrasion resistant for more severe service conditions.
	RE	X	H	Excellent resistance to cuts, impact, abrasion and gouging resulting from large and heavy lump sizes.
	RS	W	D	Impact and extra wear resistance for conveying highly abrasive materials of mixed lump sizes.
Heat resistant	Betahete	T	T1	Heat and wear resistant for high temperature materials.
	Deltahete	T	T3	Superior heat resistant for heavy duty service conditions, up to 400 °C for short time intervals.
Oil resistant	ROM	G		Oil and fat resistant for most products with animal and vegetable oils and fats.[1]
	ROS	G		Oil and fat resistant for products containing mineral oils.
Fire resistant	BV	K/S[2]	2A/2B	Highly fire resistant according to EN 12882 and EN ISO 340.
	VT	VT	4A/5A[3]	Highly fire resistant according to EN 12882 and EN ISO 340.
	V	V	A/B2/C2[3]	Highly fire resistant according to EN 14973 and EN ISO 340.
Fire resistant & Oil resistant	BVROM	K/S[2]	2A/2B	Combines features of ROM and fire resistant according to EN 12882 and EN ISO 340.
	BVROS	K/S[2]	2A/2B	Combines features of ROS and fire resistant according to EN 12882 and EN ISO 340.
Fire resistant, Heat & Oil resistant	BVGT	T/G K/S[2]	T1/2A/2B	Combines features of Betahete, ROS and fire resistant according to EN 12882 and EN ISO 340.

[1] In some cases (with products containing high concentrations of animal and vegetable oils) ROS should be selected.
[2] K = fire retardant with covers, S = fire retardant with and without covers.
[3] Limited to specific belt constructions.

HELPLINE
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ADDITIONAL INFORMATION
WWW.DUNLOPCB.COM

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/m²]	Pulley diameters *			Min. width ** [mm]	Max. belt width [mm] for satisfactory load support with material density of t/m³: **			
			A [mm]	B [mm]	C [mm]		< 0.75	0.75 - 1.5	1.5 - 2.5	2.5 - 3.2
S 250/2	2.2	2.7	200	160	125	300	650	500	400	
S 315/2	2.3	2.8	250	200	160	400	650	500	400	
S 400/2	2.6	3.0	315	250	200	400	1000	800	650	
S 400/3	2.9	3.6	315	250	200	400	1200	1000	800	
S 500/3	3.1	3.8	400	315	250	500	1200	1000	800	
S 500/4	4.0	5.0	500	400	315	500	1400	1200	1000	800
S 630/3	3.6	4.3	400	315	250	500	1400	1200	1000	800
S 630/4	4.3	5.2	500	400	315	650	1600	1400	1200	1000
S 630/5	5.1	6.3	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	5.0	5.9	630	500	400	650	1800	1600	1400	1200
S 800/5	5.4	6.6	630	500	400	800	2000	1800	1600	1400
S 1000/4	5.8	6.8	630	500	400	800	2200	2000	1800	1600
S 1000/5	6.4	7.5	800	630	500	1000	2200	2200	2000	1800
S 1000/6	6.6	8.0	800	630	500	1000	2200	2200	2000	1800
S 1250/4	6.4	7.5	800	630	500	1000	2200	2200	2200	2200
S 1250/5	7.3	8.7	800	630	500	1000	2200	2200	2200	2200
S 1250/6	7.8	9.1	800	630	500	1000	2200	2200	2200	2200
S 1600/4	8.1	9.5	1000	800	630	1200	2200	2200	2200	2200
S 1600/5	8.1	9.5	1000	800	630	1200	2200	2200	2200	2200
S 1600/6	8.9	10.5	1000	800	630	1200	2200	2200	2200	2200
S 2000/4	8.9	10.6	1000	800	630	1200	2200	2200	2200	2200
S 2000/5	10.2	11.9	1200	1000	800	1200	2200	2200	2200	2200
S 2500/5	11.3	13.4	1200	1000	800	1200	2200	2200	2200	2200
S 2500/6	12.4	14.4	1400	1200	1000	1200	2200	2200	2200	2200
S 3150/5	14.1	16.9	1600	1400	1200	1200	2200	2200	2200	2200

* 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°.

1 TO DETERMINE THE TOTAL BELT THICKNESS
(EXCLUDING FIRE RESISTANT BELTS)

Add the sum of the covers to the carcass thickness.

2 TO DETERMINE THE BELT WEIGHT PER M²
(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.