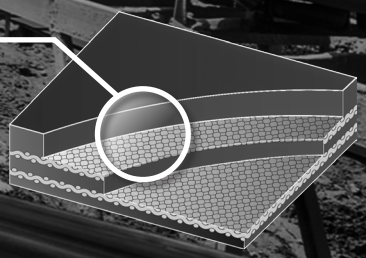
DUNLOP CONVEYOR BELTING

DUNLOP DUNLOFLEX®

RUBBER MULTI-PLY BELTS

OUTSTANDING TOUGHNESS AND STRENGTH COMBINED WITH FLEXIBILITY AND ADAPTABILITY



HIGH IMPACT RESISTANCE | EXCELLENT SPLICE PERFORMANCE | SUPERIOR LOAD SUPPORT

DUNLOFLEX®

RUBBER MULTIPLY BELTS

The long-standing success of Dunloflex is due it its tried and tested carcass construction consisting of two ultra-strong synthetic EP plies with an extra thick rubber layer between the plies to provide excellent impact and tear resistance as well as higher splice performance compared to conventional multi-ply belting.

Dunloflex has particularly good load support with low elongation (stretch) characteristics designed to convey all types of bulk material from sand and gravel up to medium-heavy service conditions such as mining, stone and earth as well as heavy building materials and waste.

Dunloflex key advantages compared to conventional rubber multi-ply belting.

- High resistance to impact and tears
- Superior splice performance
- Greater effective load support
- Outstanding reliability and durability

DUNLOP COVER GRADES

Dunloflex belting can be supplied in a wide range cover grades as shown on the adjoining table. Other cover grades including extreme cold resistance are also available.

COMPLIANT REACH EUROPEAN CHEMICALS AGENCY

THE DUNLOP GUARANTEE OF QUALITY 2 YEAR DUNLOP

UV O3 ISO 1431 OZONE & UV RESISTANT

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
+31 (0) 512 585 555

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.

DESIGNED FOR USE WITH ALL TYPES OF BULK MATERIAL TRANSPORTATION

APPLICATION AREAS

Dunloflex is highly versatile and has an excellent track record within a wide cross section of industries including building, mining, quarries, recycling, steel processing and wood, paper and pulp.

AVAILABILITY

Dunlop Dunloflex belts are custom made to order. They can be supplied in all Dunlop cover grades and in tensile strengths ranging from 200 N/mm up to 800 N/mm in widths from 400mm up to 2200mm.

ADDITIONAL ADVANTAGES:

- **Exclusively made in Holland**
- **Up to 50% (or more) longer wear life**
- **Fully resistant to the damaging effects of ozone & UV**
- **Safe to handle – fully compliant with REACH regulations EC 1907/2006**
- **Two-year guarantee against faulty workmanship and/or materials**

TECHNICAL INFORMATION

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
D 200	2.7	3.5	250	200	160	400	800	800	
D 250	3.1	4.0	250	200	160	400	1000	800	650
D 315	3.2	4.1	250	200	160	500	1200	1000	800
D 400	3.5	4.3	315	250	200	500	1400	1200	1000
D 500	3.9	4.9	315	250	200	650	1400	1200	1000
D 630	4.0	5.0	400	315	250	650	1600	1400	1200
D 800	4.7	5.8	500	400	315	650	1600	1400	1200

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

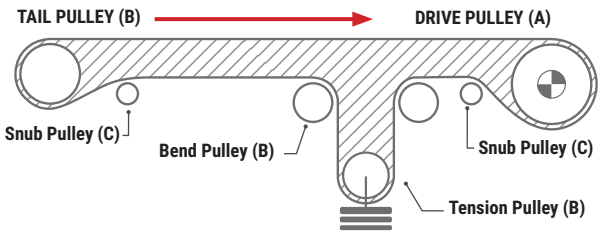
** The load support of a belt is a factor of the belt width, belt strength and bulk material density. The table indicates the limits for correct load support, based on three idlers of the same length set at 30°.

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 M^2
(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.



UNRIVALLED TECHNICAL SUPPORT AND GUIDANCE

When you buy Dunlop you get more than just top quality products because we have one of the most experienced and highly trained teams of specialists and application engineers in the industry. Our global team provides an unrivalled level of service, providing first class technical advice and practical support.

Tel: +31 (0) 512 585 555.

The Netherlands (Head Office) +31 (0) 512 585 555 • **France** +33 (0) 130555419 • **Spain** +34 (0) 93 770 45 97 • **Italy** +39 0363 906266 • **Poland** +48 (0) 32 218 5070 • **Morocco** +212 (0) 522 34 65 80/85 • **Russia** +7 495 780 88 64 • **United Arab Emirates** +971 (0) 4 880 6337