



STEEL AND FABRIC-PLY REINFORCED BELTS

ELEVATOR BELTING

At Dunlop, our engineers have developed a range of steel and textile reinforced elevator belts that have been specifically designed with three key purposes in mind – achievement of the very highest standards of safety, providing first class operational performance and the longest, and therefore most cost-effective, working lifetime.

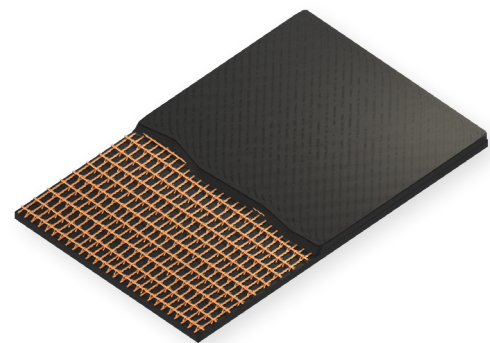
THE MOST IMPORTANT CONSIDERATION

Elevator belts are often exposed to some of the most demanding and technically challenging environments imaginable. The consequences of an elevator belt failing can be catastrophic. This is why safety must always be the single most important consideration.

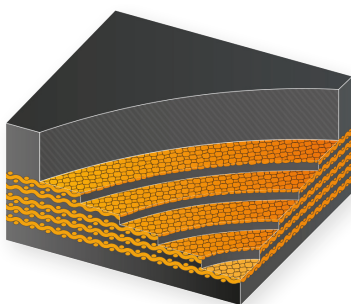
DUNLOP FERROFLEX STEEL REINFORCED ELEVATOR BELTS

The highly successful Dunlop Ferroflec elevator belt has a steel reinforced carcass construction with particularly good 'low elongation' characteristics, making it ideally suited to elevators with short take-up systems. Ferroflec 'SW' has a tension layer composed of longitudinal steel cords, through which power transmission is effected, together with two transversal layers of steel cords situated on either side of the longitudinal steel cords. These transverse steel cords reinforce the belt to provide outstanding durability and excellent bucket and fastener strength. Other significant advantages of the Dunlop Ferroflec carcass include high bolt tear resistance, excellent clamping characteristics and its suitability for use on conveyors with small pulley diameters.

In addition to the Ferroflec SW standard 'full width' steel reinforced carcass there is also the Ferroflec FKS, which has custom-made 'cable-free zones'. These zones makes the installation of buckets and fasteners easier and helps to create a dynamically stronger endless belt.



STEEL REINFORCED FOR HIGH RESISTANCE TO
IMPACT, RIPPING & TEARING



EXCELLENT 'LONG DISTANCE' HANDLING CHARACTERISTICS
LOW ELONGATION

DUNLOP SUPERFORT FABRIC-PLY REINFORCED ELEVATOR BELTS

The tried and tested Dunlop Superfort carcass construction creates elevator belts that provide outstanding reliability and durability with the added advantage of very low elongation (low stretch) characteristics. Dunlop Superfort elevator belts 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.

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.

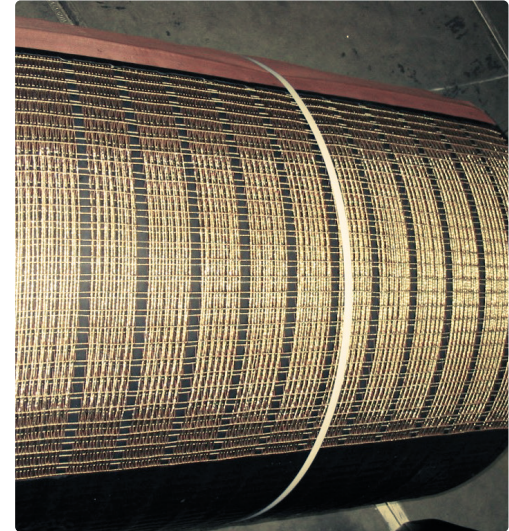


DUNLOP FERROFLEX AND SUPERFORT HIGH-PERFORMANCE RUBBER COVERS

Both Ferrofex and Superfort elevator belts can be supplied in a wide choice of Dunlop cover qualities including abrasion, oil, heat and fire resistant. Because the heat build up in enclosed elevators is far higher than conventional conveyor systems we recommend the use of **Deltahete** covers for hot applications. Deltahete is specifically engineered to withstand a maximum continuous temperature of conveyed material as high as 120°C to 130°C and exceeds the highest requirements for Class 3 heat resistant covers. For elevator applications where a combination of fire and oil resistance is needed we recommend Dunlop BV ROM K 3+1.5 mm fire and oil resistant covers. Depending on the service conditions, the thickness of elevator belt covers are usually between 1.5 mm up to 4 mm. Both cover sides can have the same thickness. Other thicknesses are available on application.

AVAILABILITY AND TECHNICAL INFORMATION

Because of the extremely wide range of available specifications, carcass constructions and cover grades, all Dunlop elevator belts are custom made to order. Each belt carries a 24-month warranty against faulty workmanship and/or materials. As with all Dunlop conveyor belts, every belt we supply is exclusively manufactured in our own production facilities in The Netherlands, is fully compliant with REACH regulations to safeguard both human health and the environment and is fully resistant to the damaging effects of ozone and ultra violet light according to ISO 1431 test methods. Unlike other manufacturers, we do **not** import and re-sell belt made by other manufacturers.



FERROFLEX CABLE FREE ZONES

AVAILABILITY AND MINIMUM PULLEY DIAMETER

DUNLOP SUPERFORT®

Minimum and maximum width availability: **up to 2000 mm**

Number of plies	SUPERFORT® type	Pulley diameter (mm)
3	S 400/3	315
	S 500/3	400
	S 630/3	400
4	S 500/4	630
	S 630/4	630
	S 800/4	800
	S 1000/4	800
5	S 630/5	630
	S 800/5	800
	S 1000/5	1000
	S 1250/5	1000
	S 1600/5	1200
6	S 1000/6	1000
	S 1250/6	1200
	S 1600/6	1400

Superfort textile reinforced elevator belts are supplied with sealed edges as standard. They can also be supplied to order with moulded (rubber) edges.

DUNLOP FERROFLEX®

Minimum and maximum width availability: **from 500 mm up to 2000 mm**

Number of plies	FERROFLEX® type	Pulley diameter (mm)
1 warp / 2 weft	SW/FKS 500	500
	SW/FKS 630	500
	SW/FKS 800	630
	SW/FKS 1000	630
	SW/FKS 1250	800
	SW/FKS 1600	800
	SW/FKS 2000	1000

All Ferrofex elevators are supplied with fully moulded edges.



UNRIVALLED TECHNICAL SUPPORT

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.

All information and recommendations in this bulletin have been supplied to the best of our knowledge, as accurately as possible and updated to reflect the most recent technological developments. We cannot accept any responsibility for recommendations based solely on this document.