

Elevator Belting

The world standard in quality and safety

Conveyor belts used in elevators are often exposed to some of the most demanding and technically challenging environments imaginable. The consequences of an elevator belt failing can be catastrophic, which is why safety must be the single most important consideration. At Dunlop we welcome such challenges. During our long history our engineers have developed a range of steel and textile reinforced elevator belts that are specifically designed not only to provide first class operational performance but also the highest standards in design safety.

Ferroflex® Elevator belts

The highly successful Dunlop Ferroflex® elevator belt has a steel reinforced carcass construction with particularly good 'low elongation' characteristics. Ferroflex 'FSW' has a tension layer composed of longitudinal steel cords through which power transmission is effected and *two* transversal layers of steel cords situated on both sides of the longitudinal steel cords. The transverse steel cords reinforce the belt to provide outstanding durability and excellent bucket and fastener strength.

Ferroflex elevator belts are available in tensile strengths up to 2000 N/mm and can be supplied with cable free zones to make the installation of buckets and fasteners easier and to create a dynamically stronger endless belt. Ferroflex is available in practically all Dunlop cover qualities including heat resistant and oil resistant. Because the heat build up in enclosed elevators is far higher than conventional conveyor systems for heat applications we recommend the use of Delatete covers, which can withstand material temperatures as high as 120°C - 140°C.

- Tensile strengths available from 500 N/mm up to 2000 N/mm
- Wide range of widths available, from 500mm up to 2200mm
- Full range of high quality cover compounds including heat resistant, fire resistant and oil resistant
- Low elongation enabling short take-up systems
- High bolt tear resistance and fastener strength
- Excellent clamping characteristics
- Small pulley diameters

Superfort® Elevator belts

Dunlop Superfort® elevator belts provide outstanding reliability and durability utilizing its tried and tested carcass construction including very low elongation characteristics. For use on elevators it can be supplied with BVMK 3+1.5mm fire and oil resistant covers or normal abrasion resistant covers and is available in 2, 3, 4, 5 and 6 ply versions with tensile strengths ranging from 250N/mm up to 2500N/mm.

- Tensile strengths available from 250 N/mm up to 2500 N/mm
- Wide range of widths available, from 180mm up to 800mm
- High performance fire and oil resistant covers

Minimum pulley diameter for elevator belting

Number of plies	SUPERFORT	Pulley diameter (mm)
3	S 400/3	315
	S 500/3	400
	S 630/3	400
4	S 500/4	500
	S 630/4	630
	S 800/4	630
	S 1000/4	800
	S 1250/4	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
	FERROFLEX	
1 warp/ 2weft	FSW 500	500
	FSW 630	500
	FSW 800	630
	FSW 1000	630
	FSW 1250	800
	FSW 1600	800
	FSW 2000	1000



Dunlop Ferroflex

Fasteners

We supply one of the world's biggest ranges of elevator components including top quality fasteners. Please ask your Dunlop representative for more details.



Unrivalled technical support and guidance

When you buy from Dunlop you get more than just top quality elevator 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 and Approved Agents.

All data and recommendations in this leaflet 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 changed or rendered obsolete in the light of more recent technological developments. We cannot accept any responsibility for recommendations based solely on this document.

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