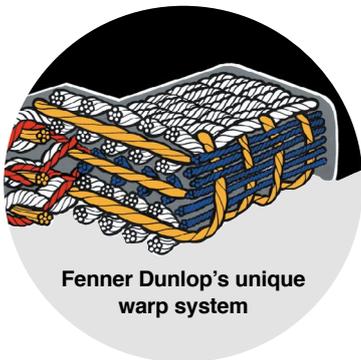
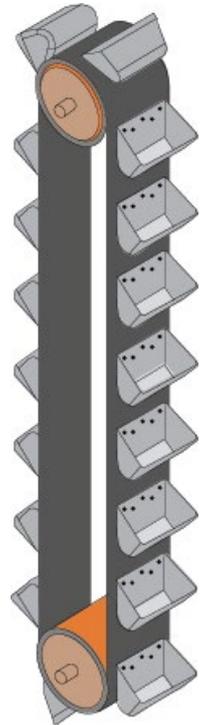


# PVC Solid Woven Elevator Belts

Fenner Dunlop PVC Elevator Belts provide outstanding reliability, durability and fire resistance, utilising our Solid Woven carcass design that has been at the forefront of our market leading range for **OVER 60 YEARS.**

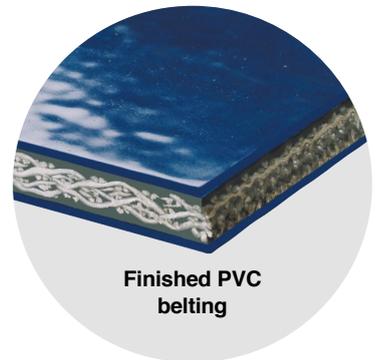
Our unique Solid Woven carcasses are designed and manufactured in-house with our extensive knowledge of fabric weaving and polymer technology. With a complex woven design of polyester warp and nylon or nylon and cotton weft, which are 100% impregnated with PVC, making the finished carcass impervious to attack from moisture, dirt, chemicals and oils. Additional PVC covers are applied to both sides of the impregnated carcass in our unique dipping process, to give additional protection to the carcass and extend the service life.



Fenner Dunlop's unique warp system



Solid woven carcass prior to PVC impregnation

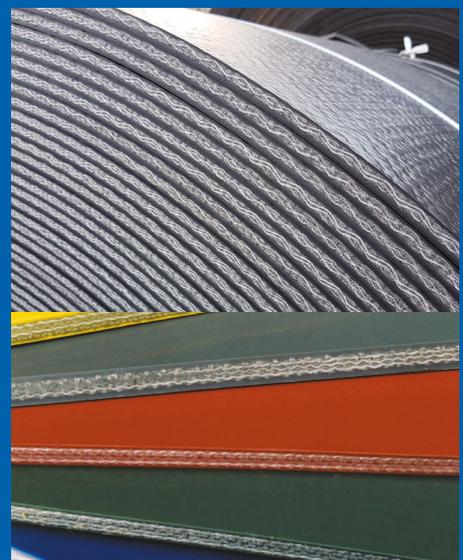


Finished PVC belting

## ADVANTAGES of Fenner Dunlop PVC Solid Woven Elevator Belts

- High performance oil resistant\* fire resistant, anti-static covers
- Solid Woven one piece single carcass with no risk of ply separation or delamination
- Covers form an integral bond preventing any form of delamination
- High resistance to bolt pull through and bucket holding
- High static clamp joint and fastener retention properties
- High resistance to longitudinal rip and tears
- High resistance to edge wear
- Flexibility for smooth running on elevator pulley and ease of tracking when installed

\* Oil and fat resistant for most products with animal and vegetable oils and fats



# Product range

Manufactured in the UK in accordance with our ISO 9001:2015 approved quality control procedures.

Fenner Dunlop Elevator belts are available in tensile strengths from **500N/mm** to **1800N/mm**, slab widths from **200mm** up to **1850mm** and with cover thicknesses of **1+1mm**, **1.5+1.5mm** or **2+2mm**.

BELT DESIGNATION lbs/in	WARP STRENGTH N/mm	WEFT STRENGTH N/mm	BELT THICKNESS* mm	BELT WEIGHT* kg/m <sup>2</sup>	MINIMUM RECOMMENDED DRUM DIAMETERS	
					High tension mm	Low tension mm
2800	500	275	7.7	10.1	315	250
3500	630	275	8.1	10.5	400	315
4000	710	300	8.3	11.0	400	355
4500	800	300	8.5	11.1	500	355
5000	875	300	8.8	11.2	500	355
6000	1000	350	9.4	11.9	630	400
6500	1140	350	9.5	12.0	630	400
7000	1250	350	10.4	12.2	750	450
8000	1400	350	10.5	13.2	750	450
9000	1600	425	11.9	14.8	800	600
10000	1800	425	12.9	16.1	800	600

\*Nominal values for specific belt constructions Specification sheets detailing the actual data or any belt type supplied can be forwarded on request.

## Features

- Fire resistant and anti-static in accordance with EN 14973 Class C1
- Complies with ATEX Directive 94/9/EC
- Mechanical properties ISO 22721 & ISO 1120
- Quality assurance in accordance with ISO 9001:2015
- Oil resistant against most animal and vegetable oils, suitable for applications handling grain, feed, fertiliser and seed



Fenner Dunlop's commitment to our customers does not begin or end with the sale of high quality belt, in addition we offer a comprehensive range of technical services.



Site visits and surveys



Belt calculation services



Technical training



In-house R&D



Trouble shooting and problem solving



After-sales support

FOR FURTHER INFORMATION ON Elevator Belts please contact us:

Tel +44 (0)1482 781234

Fenner Dunlop, Marfleet  
Hull, England. HU9 5RA  
Tel +44 (0)1482 781234  
Fax +44 (0)1482 785438  
Web [www.fennerdunlopeurope.com](http://www.fennerdunlopeurope.com)  
Email [sales@fennerdunlopeurope.com](mailto:sales@fennerdunlopeurope.com)

Registered Office: Hesslewood Country Office Park  
Ferriby Road, Hessle, East Yorkshire  
HU13 0PW. United Kingdom