

# Steadfast Multi-Ply conveyor belts

## APPLICATION RANGE

Steadfast EP conveyor belts are used for moving bulk materials in a broad range of industrial working conditions. They are supplied to the mining, quarrying, construction, power generation and process industries, including glass making, cement, fertiliser manufacture, waste and recycling. Steadfast offers a complete range of conveyor belting and cover properties, combined with detailed applications engineering knowledge and advice to ensure optimum performance is achieved.

## EP CARCASS STRUCTURES

The belt carcass typically consists of 2 - 6 plies of synthetic EP (Polyester-Polyamide) fabric which offer good impact absorption, low elongation and excellent resistance to moisture ingress. Carcass strengths from 200 N/mm to 2500 N/mm are possible, although above 1600 N/mm we generally recommend using conveyor belts with a steel reinforced carcass - type ST.

## BELT WIDTH RANGE

Belts are available with cut or moulded edges in all belt widths from 500 mm to 1800 mm.

APPLICATION	COVER TYPE	NOTES
General industry	Y	Standard grade for general purpose material conveying
Impact & abrasion	X / M24	For high volume and heavy impact of sharp, abrasive material
High abrasion	W	Ultimate specification for the most severely abrasive products
Flame resistant	K	Fire resistant covers for material with fire or explosion risk
	S	Full fire resistance throughout the belt carcass and covers
Oil resistant	MOR	Medium oil and grease resistant for organic materials
	ROS / NBR	High oil resistance grade to include mineral oils & chemicals
Heat resistant	T130	For applications where moderate heat resistance is required
	T150	Covers with higher temperature resistance properties
	T200 / EPDM	For very high temperature resistance
Oil & fire resistant	FR / OR	For special applications, such as elevating grains & animal feed