

TOUGHFLEX® BELTS

Built For The Hard Hits

ToughFlex® conveyor belts have been designed to handle the toughest conveying applications, from bulk material handling to mobile crushing.

ToughFlex® belts are constructed with a special weave of 2 fabric plies and an additional binder warp. The plies are reinforced to resist puncturing and are protected with heavy duty, wear resistant top and bottom covers. This 2 ply construction, enables ToughFlex® to perform well on small to medium sized pulleys.

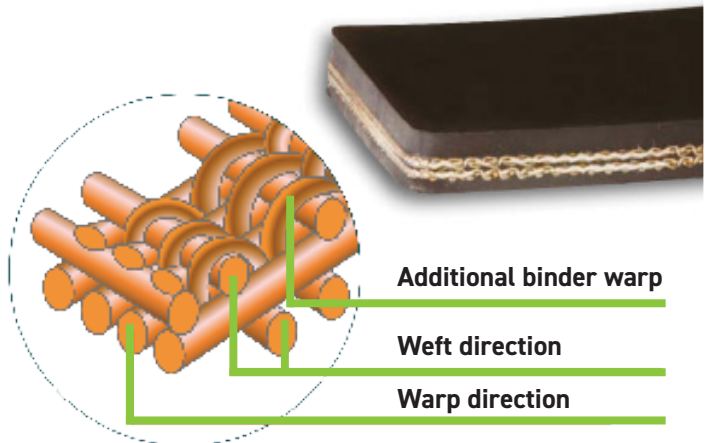
ToughFlex® can be easily hot spliced (vulcanised) to offer the perfect all-round solution for extreme conveying.



WHY TOUGHFLEX® ?

- ✓ Superior cut, impact and wear resistant covers
- ✓ Reinforced fabric plies to resist puncturing
- ✓ Performs well on small to medium sized pulleys
- ✓ Excellent troughability
- ✓ Longer lifespan - ToughFlex® outlasts multi-ply belts
- ✓ Perfect all-round solution for extreme conveying
- ✓ ToughFlex® A60 offers optimum wear resistance for the most abrasive materials

TOUGHFLEX® CONSTRUCTION



SPECIFICATIONS

Abrasion Resistance (mm³)	Tensile Strength (N/mm²)	Ply	Top/Bottom Covers (mm)	Stock Widths (mm)
A120	EPP630	2	9 + 3	900/1000/1050/1200/1300/1400/1500
A60	EPP630	2	6 + 3	1000/1100/1400
A60	EPP400	2	4 + 2.5	500/650/800/1000

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RIP RESISTANCE TEST



IMPACT RESISTANCE TEST



ToughFlex® belts are subject to rigorous in-house testing for tensile strength, rip and impact resistance. It fulfills the highest national and international standards - DIN 22102, ISO 10247 and BS 490.



CONVEYOR BELT SELECTION CHART

	ToughFlex®	Ripstop	Fabric Breaker
Wear Resistance	Excellent	Good	Good
Impact Resistance	Excellent	Good	Good
Rip Resistance	Excellent	Excellent	Good
Puncture Resistance	Excellent	Good	Good
Cut Resistance	Excellent	Good	Good
Small pulley diameters	Excellent	Good	Good
Troughability	Excellent	Good	Good

APPLICATIONS

- Crushing & Screening
- Recycling & Demolition
- Environmental
- Bulk material handling



Smiley Monroe ToughFlex® belts are highly recommended for use in Impact Crusher applications

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