

TOUGHFLEX® BELTS

Built for the hard hits

ToughFlex® has been designed to handle the toughest conveying applications, from wood processing to mobile crushing.

ToughFlex® is 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 two ply construction, enables ToughFlex® to perform well on small to medium sized pulleys.

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

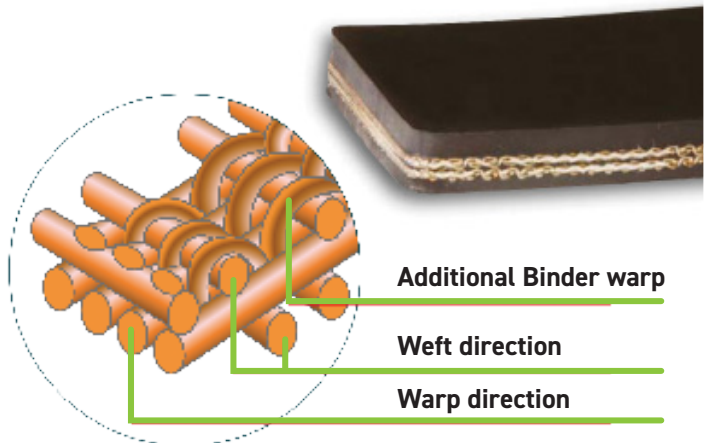


ToughFlex® performs well with smaller head and tail pulleys

ADVANTAGES OF TOUGHFLEX®

- ✓ Superior cut, impact and wear resistant covers
- ✓ Reinforced plies to resist puncturing
- ✓ Performs well on small to medium sized pulleys
- ✓ Excellent troughability
- ✓ Extended belt life - ToughFlex® outlasts multiply belts
- ✓ Perfect all round solution for extreme conveying
- ✓ A60 is the strongest belt on the market for high impact and abrasive materials applications.

TOUGHFLEX® CONSTRUCTION



SPECIFICATION

	UNITS	TENSILE STRENGTH	PLY	COVERS
ToughFlex® A120	Metric	EPP630	2	9mm + 3mm
ToughFlex® A60*	Metric	EPP630	2	6mm + 3mm
ToughFlex® A60*	Metric	EPP400	2	4mm + 2.5mm

*ToughFlex A60 offers optimum wear resistance for the most abrasive materials

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**SMILEY®
MONROE**

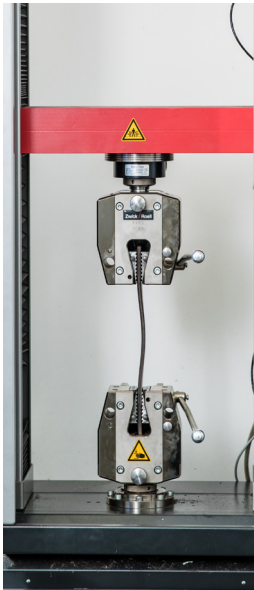
CONVEYOR BELT EXPERTS

www.smileymonroe.com ISO 9001 OHSAS 18001

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RIP RESISTANCE TEST



IMPACT RESISTANCE TEST



ToughFlex® is subject to rigorous in house testing testing for tensile strength, rip resistance 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	Good	Excellent	Good
Puncture Resistance	Excellent	Excellent	Good
Cut Resistance	Excellent	Good	Good
Small pulley diameters	Good	Good	Good
Troughability	Good	Good	Good

APPLICATIONS

- Quarrying
- Abrasive Materials
- Recycling
- Demolition
- Overband Magnets
- Wood Processing

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