



## 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.



# TOUGHFLEX®



**SUPERIOR CUT, IMPACT AND WEAR RESISTANT COVERS**

**REINFORCED FABRIC PLYS TO RESIST PUNCTURING**

**PERFORMS WELL ON SMALL TO MEDIUM SIZED PULLEYS**

**EXCELLENT TROUGHABILITY**

**IDEAL FOR SMALLER TAIL PULLEYS**

**LONGER LIFESPAN - TOUGHFLEX® OUTLASTS MULTI-PLY BELTS**

**PERFECT ALL-ROUND SOLUTION FOR EXTREME CONVEYING**

## 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

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## TOUGHFLEX® CONSTRUCTION

Special weave of 2 fabric plies & an additional binder warp for superior puncture resistance.

## 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

Smiley Monroe ToughFlex® belts are highly recommended for use in Impact Crusher and these other applications:

- Mobile Crushing & Screening
- Aggregates
- Hard Rock Quarrying
- Recycling & Demolition
- Mining
- Environmental

**SMILEY  
MONROE**

# TOUGHFLEX®

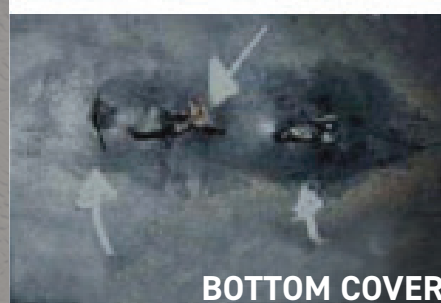
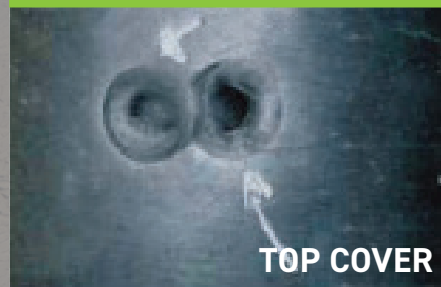
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## IMPACT RESISTANCE TEST

TOUGHFLEX®



EP MULTI-PLY



## RIP 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.



**SMILEY®**  
**MONROE**