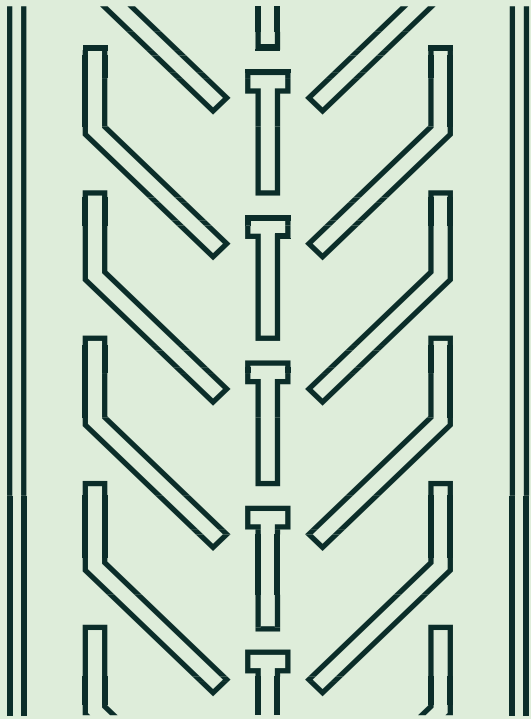




TOUGH FLEX

BELT BY **SMILEY MONROE**





**TOUGH FLEX® CONVEYOR BELTS HAVE
BEEN DESIGNED TO HANDLE THE TOUGHEST
CONVEYING APPLICATIONS, FROM BULK
MATERIAL HANDLING TO MOBILE CRUSHING.**

TOUGH FLEX® 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 TOUGH FLEX® to perform well on small to medium sized pulleys.

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

WHY TOUGH FLEX?



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



TOUGH FLEX® offers optimum wear resistance for the most abrasive materials

TOUGH FLEX SPECIFICATIONS

TOUGH FLEX®	Tensile Strength	Ply	Top/Bottom Covers
A120	PIW 360	2 PLY SW	3/8" + 3/32"

RIP RESISTANCE & IMPACT RESISTANCE TEST

TOUGH FLEX® 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.

	TOUGH FLEX®	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

PULLEY DIAMETER

	Tension		
	>60%		
	D1	D2	D3
TOUGHFLEX® A120	19 11/16	15 3/4	12 3/8

	Tension		
	30-60%		
	D1	D2	D3
TOUGHFLEX® A120	15 3/4	12 3/8	9 7/8

	Tension		
	<30%		
	D1	D2	D3
TOUGHFLEX® A120	12 3/8	9 7/8	7 7/8

APPLICATIONS



Crushing & Screening



Recycling & Demolition



Environmental



Bulk Material Handling

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

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