

TOUGHFLEX[®] Conveyor Belt Series

EP Multiply Fabric Belts



Smiley Monroe EP Multiply Fabric Conveyor Belts are recommended for carrying large lumps & abrasive materials under extreme conditions.

As an approved supplier to worldclass customers, you are assured of the highest quality products and service - we monitor all stages of our entire process with uncompromising quality assurance, from inquiry right through to delivery, in accordance with the stringent ISO 9001 guidelines.

Designed to handle the toughest conveying applications, Smiley Monroe's **ToughFlex Conveyor Belt Series** fulfills the highest national and international standards for tensile strength and wear resistance - DIN 22102, ISO 10247 and BS 490.

Belt Type	Rubber Covers (mm)	Belt thickness (mm)	Belt weight (Kg/m ²)
400/3	3 + 1.5	7.9	9.4
400/3	4 + 2	9.5	10.8
500/3	5 + 1.5	10.1	11.8
630/4	6 + 2	13.0	15.1
800/5	8 + 2	15.5	18.9

SMILEY MONROE ADVANTAGE

- ✓ 2 ply to 6 ply polyester/nylon (EP) multiply fabric carcass conveyor belts
- ✓ Manufactured to DIN 22102 and covered by a 12 month warranty
- ✓ Excellent cut, impact and wear resistant covers
- ✓ Large stocks of various widths (up to 3000mm), tensile strengths and covers - from heavy duty primary to light duty applications
- ✓ Routinely quality tested in our in-house belt testing lab
- ✓ Expertise in serving OEMs, resellers and end users
- ✓ ISO 9001 OHSAS 18001

YOUR GLOBAL PARTNER

Smiley Monroe distributes its products and services worldwide to customers in the Americas, Europe, Africa, the Middle East and Australia.

Our 30,000 sq ft modern production facility is strategically located for fast access to airports, highways and ports.

With technical expertise developed over the last 30 years, we partner you to keep your business moving forward.



SEE OUR STRAIGHT WARP & ENDLESS BELT DATASHEETS

Head Office

Smiley Monroe Ltd
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**SMILEY
MONROE**

www.smileymonroe.com

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IN-HOUSE BELT TESTING LAB

Smiley Monroe can quickly and conclusively test the wear (abrasion) resistance, tensile strength and adhesion levels of the cover rubber and fabric of conveyor belts and rubber materials, to ensure conformity to DIN and ISO standards. Our dynamic tester simulates accelerated life of conveyor belts and splices - testing belt quality to its limits for: flex, durability, adhesion, stretch, joint types and tensile strength.



In-house wear resistance (abrasion) testing at Smiley Monroe

TOUGHFLEX BELT SERIES

- Straight warp
- Fabric breaker / Steel breaker
- Steel cord
- Flame retardant
- Fire resistant
- Heat / Cold resistant
- Oil resistant
- Chemical resistant
- Sidewall / Cleated
- Elevator / Cross-stablised
- Chevron
- Anti-static
- Fabric back/ Griptop
- Light duty (PVC / PU)

INDUSTRIES SERVED

- Sand & Gravel
- Cement Works
- Mobile Crushing & Screening
- Coal-Fired Power Stations
- Agriculture
- Quarries & Mines
- Recycling
- Sawmills

APPLICATIONS

For transporting abrasive materials such as cement, coal, granite, gravel, recycled material, iron ore, grain, beets, potatoes, timber in a range of temperatures from -30°C to 200°C.

BELT STORAGE & SAFE HANDLING

It is important that conveyor belts are transported and stored correctly, as the opposite may result in damage even before the belts are fitted.

Roll weight and roll diameter

For safe handling and to determine shipping costs, it is useful to know the weight and diameter of the belt roll.

Roll weight (Kg) = Belt weight (Kg/m²) x Belt width (m) x Belt length (m)

BELT SPLICE TRAINING PROGRAM

Get your splice right

Smiley Monroe has been delivering in-house and on-site vulcanising training programs worldwide, tailored to your needs, for many years. From a 2 day refresher course to 2 weeks intensive training for beginners - students leave ready to confidently carry out hot and cold belt splices without supervision. Our trainers have over 30 years industry experience.



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