



# PROTEX BELT



**TOUGH, FLEXIBLE, AND LOW-STRETCH**

# PROTEX Belts

## Discover the PROTEX difference today

Because you deserve better performance from your investment!

### Problem:

Does your portable crushing and other high abuse equipment suffer from product entrapment that punctures your expensive belts resulting in costly repairs or premature belt replacement? Excessive cover abrasion? Premature gouging and wear?

### Solution:

Yokohama PROTEX with UR Covers. Designed to be virtually "Maintenance Free" belts for portable quarry crushing and other high abuse equipment, PROTEX belts give you greater peace-of mind with the lowest cost per tonnage and best ROI on the market today.

### Trapped Material Test:

#### Nylon Fabric Belt

630 2Ply 8x3mm covers



#### Polyester Fabric Belt

630 2Ply 8x3mm covers



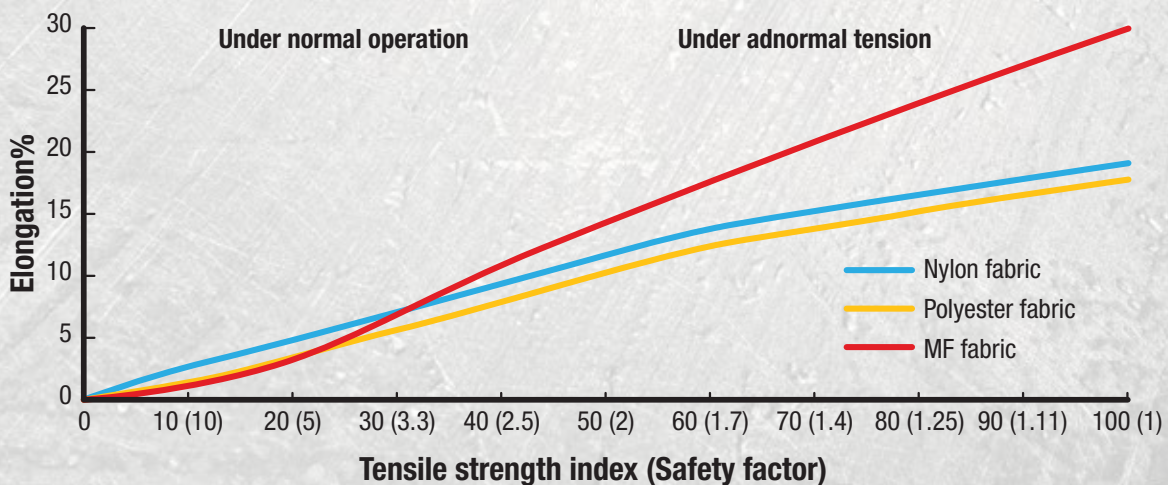
#### PROTEX

630 2Ply 8x3mm covers



Yokohama PROTEX features a special polyester fabric with elongation at break 1.8 times higher than Nylon fabric. Nevertheless, belt stretch under operating tension is less than that of conventional polyester fabric belts.

### Comparison of belt stretch at normal & abnormal operation



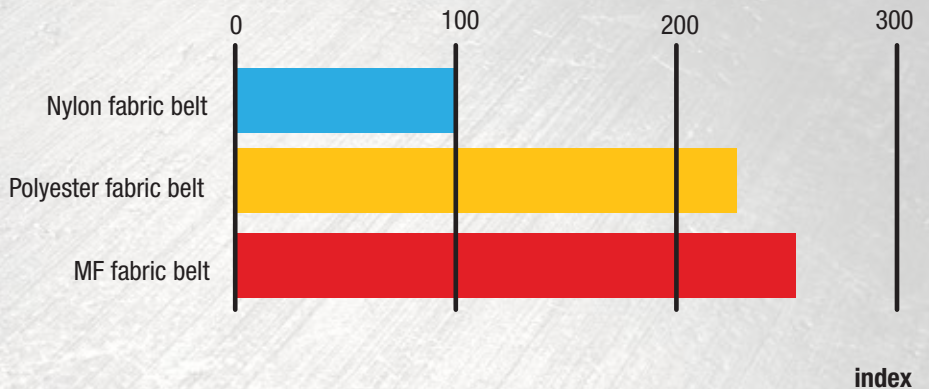
|                                | PERMANENT ELONGATION | TAKE-UP TRAVEL |
|--------------------------------|----------------------|----------------|
| <b>NYLON FABRIC:</b>           | 1.3 - 1.8%           | over 2.4%      |
| <b>CONVENTIONAL POLYESTER:</b> | 0.5 - 1.0%           | over 1.5%      |
| <b>PROTEX:</b>                 | 0.5 - 0.7%           | over 1.0%      |

### Yokohama PROTEX belts with UR Covers:

UR covers were initially developed by Yokohama to handle heavy limestone rock before and after primary crushers. UR cover belts have succeeded in improving belt life with superior impact and gouge resistance features superior to that of RMA-1 cover belts.

### Comparison of impact resistance with UR covers:

PROTEX belt absorbs impact like no other belts.



## PROTEX BELTS = TOUGH, FLEXIBLE, AND LOW-STRETCH

- Excellent resistance against trapped material & cake build-up on pulleys
- Excellent impact resistance and cut & gouge resistance
- Superior abrasion & wear resistance under extreme conditions
- Less permanent elongation & belt stretch
- Best choice in rough operating conditions. ie Portable Cone & Jaw Crushers

Let us show you how Yokohama PROTEX belts can take the abuse & deliver!

**PROTEX belts are proven to deliver maximum production uptime in the toughest operating conditions. But don't just take our word for it. Our customers say it best. ....**

“ The Yokohama **PROTEX** belts have given us unbeatable performance on our 42" Cone Infeed and Cone Product belts. Going into our 5th season without any punctures, tears, or repairs, nothing has demonstrated this type of durability in this tough application like **PROTEX**. ”

Leroy Liedtke  
Foreman, Burnco Aggregate Division

“ With molded edges, low stretch & excellent wear, **PROTEX** is the logical choice in our toughest abrasive applications in our portable crushing equipment. ”

Ken Stewart  
Owner, Stewart Construction



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