

ORIENTAL

CONVEY | ALL | THE | WAY



CORE STRENGTH

MAXX IMPACT[®]
High Impact Resistant Belts

Product Feature:

A constant challenge faced in conveying run of mine ores or raw material is the shortened belt life. This is owing to the fact that the material being conveyed impacts the belt with a great force as it drops on to the belt typically from dump trucks or loading chutes. The constant pounding of the belt by material of high lump size exceeding even 500 mm, causes conventional belts to fail prematurely due to carcass fracture. Such applications necessitate the need for a high strength carcass which forms the core of the belt.

To cater to this demand Oriental offers the **MAXX IMPACT**® belt which has the inherent **CORE STRENGTH**.

Oriental's **MAXX IMPACT**® belt is specially designed to withstand the abusive loading condition. A composite design approach covering the unique fabric carcass, cushion rubber inter-plies and the cover grade result in a product which is truly a "problem solver" in high impact areas.

The **MAXX IMPACT**® belt retains significant strength after repeated impact loading and thereby enhances life of the belt.



Benefits of MAXX IMPACT®:

High Tear Resistance of belt up to 2.5 times higher than conventional EP / NN belt constructions.

High impact absorption capability allows abusive loading where conventional belts fail.

Product Application:

Mines handling big boulders | Primary crushers | Conveyors with high fall height | Conveyors with inadequate load support

Product Characteristics:

- Common Widths : 600 mm to 2600 mm (24" to 102")
- Carcass Variety Available : Maxx Impact® Polyester/Nylon (EP)
- Common Belt Rating : 500/2, 630/3, 800/3, 800/4, 1000/3, 1000/4, 1250/3, 1400/4 1600/4 kN/m (270 PIW to 1000 PIW)
- No. of Plies : 2 ply to 4 ply
- Rubber Cover Compounds : M24, DIN W, DIN X, High Abrasion Resistant (HAR), Super Abrasion Resistant(SAR) and other grades as per request.
- Rubber Cover Thickness : 1.5 mm to 25 mm (1/16" to 1")
- Edge : Cut/Moulded Edge
- Splicing Method : Hot / Cold / Mechanical
- Belt Identification : Unique Product Identification Number (PIN) at every 10 Mtr (33')

Impact Tester



Impact Energy
50% rated belt
strength in joule



(All plies fractured)
Strength drop
15%-18%

EP Belt



No ply damage
Strength drop
7%-8%

MAXX IMPACT®



Wear Resistant



Heat Resistant



Fire Resistant



Oil Resistant



Energy Saving

MAXX IMPACT®
High Impact Resistant Belts

