



More than...
It's different with performance guarantee.

ULTROLTM

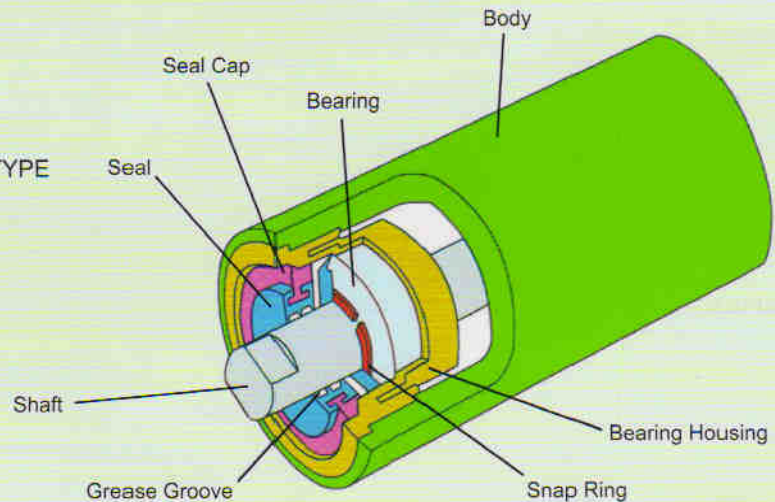
A durable roll shell that resists corrosion and material build-up.

Using a proprietary formulation of POLTEC's high molecular weight polyethylene rolls are manufactured using a patented extrusion process.

The result is a roll that not only resists corrosion, but one that also resists material build-up. Clean rolls help extend belt life, and help eliminate training problems and conveyor vibration.

Available Options

- Shaft : Stainless steel
- Bearing : SKF C3 2RS1 etc...
- Groove Grease : PTFE GEL TYPE



ULTROL-S (HMW-PE) ULTROL-GS



ULTROL-SE (UHMW-PE)
High temp. & High Speed



ULTROL-DD, etc...
Heavy Duty & High Speed

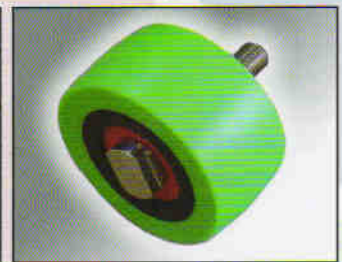
For underground mining

-Flammability
(Oxygen index % > 28)

-Surface resistivity
(Units Ohms < 1×10^6)



The cable idler & Accessory



Abrasive resistance of various materials for idler(50% sand / Water slurry method)



Typical Applications

All kinds of materials conveying • Cement • Clinker • Coke • Coal • Salt
• Ash • Tar sands • Phosphates • Pulp & Paper

Light weight

-Be light 40% than the steel roller

Power cost saving

-JIS B 8805 (About 13.5-16%)

Decreased Belt damage - One of cement plants at SSANG YOUNG



In the beside of walk way
- Before 74.9 dB (Steel roller)
- After 65.2 dB (ULTROL-S)
- Less 9.7 dB

LOW noise-One of cement plants at LAFARGE HALLA

Non-adhesive-One of cement plants at SSANGYONG



Before

After

-SSANGYONG cement plants

1.Operation period : 24h/Day

2.Transporting material : Hot Clinker

-Average temp. : 125 °C -Size : 0~70mm

3.Belt Spec

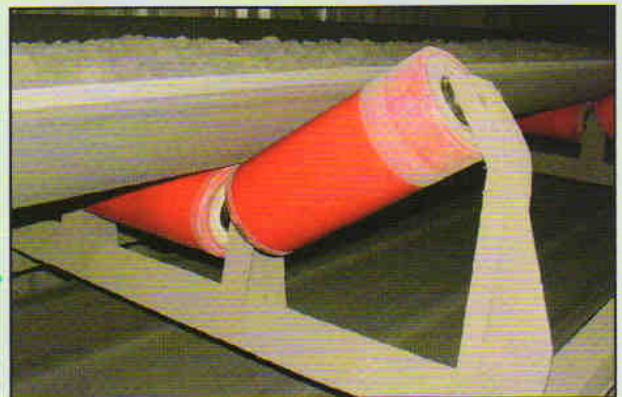
-Capacity : 1200mt/h -Width : 900W

-Speed : 187m/min -Angle of Trough : 35°



Non-Corrosive-UNION cement plants in philippine

High abrasion resistance



-MINERA LOS PELAMBRES (Copper mine in Chile)

1.Operation period : 24h/Day

2.Transporting material : Copper ore

3.Belt Spec

-Capacity : 8000mt/h -Width : 1800W

-Speed : 6.5 m/sec



Curved Conveyor-One of cement plants at LAFARGE HALLA

1.Transporting Materials

-Factory to Harbor : Clinker

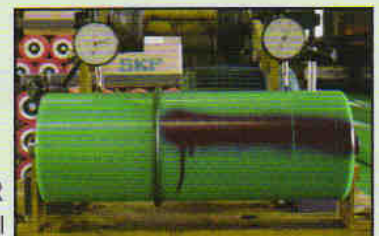
-Harbor to Factory : Coal

2.Speed : 3.34m/sec

3.Belt width : 1000W

Low T.I.R

-Within 0.13 mm/Roll





• PERFORMANCE GUARANTEE

ULTROL offers an exclusive performance guarantee that helps you eliminate the risk of using rollers for your needs at least one to five years more depends on materials & conditions.

• SOLUTION HERE

ULTROL meet your many applications and reduce cost compare with steel roller what you require.

- Color and design may change to enhance the quality of product.
- ULTROL's information herein subject to change without notice.

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