

GLOBAL BELTING TECHNOLOGIES



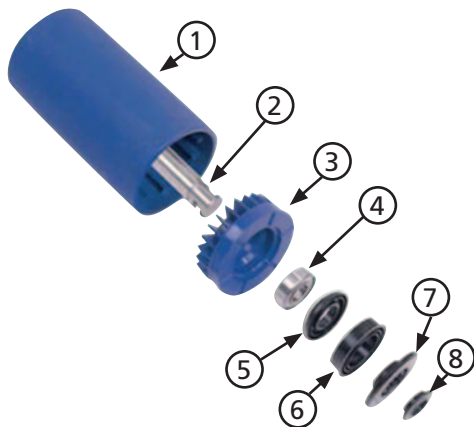
HIGH DENSITY POLYETHYLENE ROLLERS

Characteristics and Features

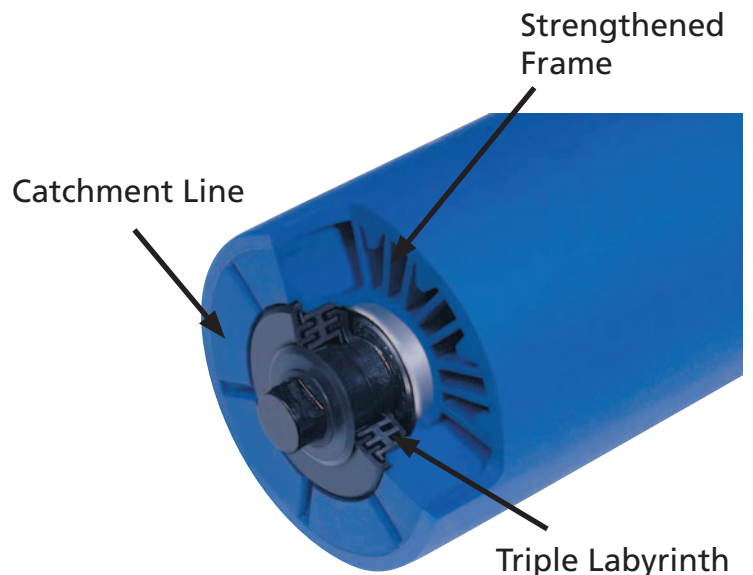
- High Density Material
- Anti-Acidic / Anti-Alkaline
- Anti-Static
- Low Noise & Friction
- Perfect Dynamic Balancing
- Does Not Damage Belt
- 50% Lighter than Steel Rollers
- Power Saving
- Suitable for High Humidity and High Pollution Environments and Other Adverse Circumstances
- Cost Saving
- Recyclable



HDPE Roller Components



- | | |
|------------------------|---------------------|
| 1. HDPE Roller Shell | 5. Female Labyrinth |
| 2. Shaft | 6. Labyrinth Seals |
| 3. Bearing Loading Set | 7. Male Labyrinth |
| 4. Double Cap Bearing | 8. Sealing Ring |



HDPE vs. STEEL ROLLERS



Conveyed material will adhere more readily to steel rollers and will create an uneven and imbalanced surface, resulting in improper belt tracking and conveyed substance spillage.



Steel rollers suffer from the adverse effects of rust from high moisture/high humidity environments. Steel rollers will rust and corrode, leading to belt failure from damaged rollers. HDPE rollers do not rust or corrode as a result of use in or near wet environments.



The negative effects of environmental conditions force steel rollers to be replaced much sooner than their HDPE counterparts in similar situations, resulting in more down time, less productivity and higher overall costs. In the same seaside application, steel rollers lasted 3-5 months; HDPE rollers have been in place 2 or more years.

For more information, please contact us at:

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