

Megaroller

HDPE Fire Retardant Idler

Tested & Approved

MegaRoller
AFRICA



That's how we Roll



Megaroller HDPE Fire Retardant Roller

Innovative High-Density Polyethylene Fire retardant / suppressant (HDPE) Rollers tested and approved by Fire Lab. Megaroller Africa manufactures a flame-retardant and self-extinguishing HDPE idler of which the HDPE tube, bearing housing and sealing arrangement are fire-retardant and self-extinguishing.

Megaroller researched, developed, and manufacture a full line of inorganic flame retardant, antistatic and smoke suppressant idler solutions to the mining and minerals industry (complies with SANS 1313, ISO 340:2016 & NES 713). The Megaroller Africa fire retardant / suppressant blend specially formulated to provide a good balance of flame-retardant performance and reduced cost.

Best for Extreme Applications

Megaroller Africa HDPE Fire retardant Idler are made from the highest-quality, reinforced high-density polyethylene and fire retardant using the latest technologies, according to strict manufacturing standards for superior performance and longevity. The Megaroller Africa Fire Retardant Idler is tested by the Fire Lab in South Africa and complies with the NES 713, with a total toxicity level below 5. Each batch of the Fire-Retardant Idlers are tested

against the ISO 340:2016 standard prior to release to ensure that the Idler preforms against the required set standards.

Megaroller HDPE Fire retardant rollers are available in these application variations:

- Standard Megaroller HDPE Fire Retardant Rollers have high resistance to wear by abrasion and ultra violet rays. Megaroller's patented Sealing Arrangement allows these rollers to be used in the harshest weather conditions and in moisture-rich environments.
- Anti-seize fire retardant roller utilizes Megaroller's innovative Anti-seize technology, comprising a side flinger which remains static while the roller is running. This protects the sealing arrangement against any spillage that could get lodged between the shaft and the roller's side face. It is specifically suggested for dusty environments, like cement factories and crusher plants.
- Our anti-runback fire retardant roller can be applied to incline belts to prevent the belt from running back in the event of a "belt snap". Rollers are fitted with Megaroller's patented sealing arrangement as well as a roller brake system which ensures that the roller can only run in one direction.

Benefits:

- ✓ Fire retardant / suppressant
- ✓ Complies with NES 713 (Toxicity level below 5)
- ✓ Complies with ISO 340
- ✓ High temperature resistance
- ✓ Long service life
- ✓ Ultra-high abrasion resistance
- ✓ Non-Toxic
- ✓ Minimal rolling resistance
- ✓ No water absorption
- ✓ Dust proof
- ✓ Doesn't cut conveyor belt
- ✓ Anti-seize

CONTACT US

Please refer to our website, www.megarollerafrica.com, for all contact information. We would love to hear from you.