

## Tufkon™ Idler

### PRO-ROLL™ Idler Rolls

### Coated Frame

#### Product application

- CEMA C installations with 5" or 6" diameter rolls in belt widths ranging from 18" – 60"



#### Summary

Moving abrasive, corrosive bulk materials by conveyor requires conveyor system components that are designed and constructed to withstand harsh environments. The Tufkon idler, with PRO-ROLL idler rolls and coated frame, offers an innovative solution that addresses some of the most difficult challenges encountered in these environments.

#### Benefits

- Aims to increase idler service life as a result of a coated frame and PRO-ROLL idler rolls in those applications where corrosion and abrasion are known to be a factor in normal equipment life.
- This application-specific product helps reduce downtime and maintenance costs through demonstrated significant extended useful life.

#### Description

The PRO-ROLL idler roll utilizes a 1020 carbon steel inner shell covered with a 1/2" high density polyethylene outer sleeve. Roll ends are manufactured from non-corrosive, glass fiber reinforced, thermo composite with 6205 series double sealed ball bearings. The end disc totally encapsulates the shaft and remains stationary during operation, thus reducing the possibility of rolls locking due to materials becoming wedged between the roll end and the frame.

The coated frame is resistant to most solvents and acids, making it suitable for mining and industrial applications handling corrosive materials.

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