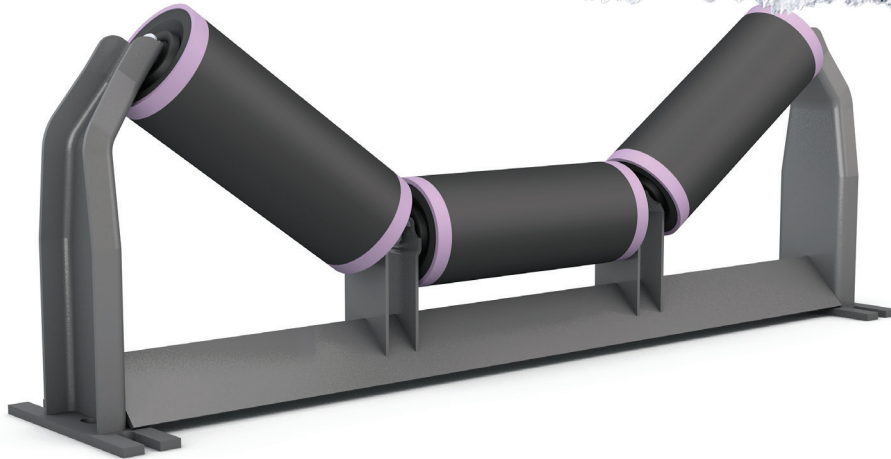
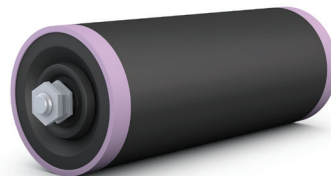
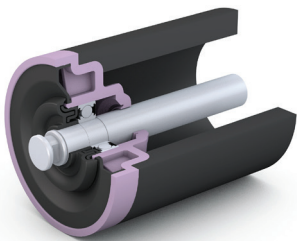


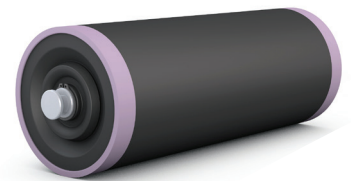
# SPINWELD HDPE ROLLS



High Density Polyethylene (HDPE) rolls have found a niche in the market by offering several key benefits: significant weight reductions compared to their steel equivalents; great corrosion resistance; excellent wear and abrasion characteristics; and reduction in noise levels. PPI's spinweld production process provides a bond that is superior to other end bell designs that utilize adhesives or interference-fit to hold rolls together.



RETRO ROLL



STANDARD ROLL

## FEATURES AND BENEFITS

- Utilizes spinweld technology to create the ultimate bond between the bearing housing and the tube
- Spinweld technology provides an impenetrable bond that keeps moisture and dust out of the roll
- Weight reductions of nearly 40% compared to steel roll equivalents
- Field proven seal design promotes long roll life by keeping contaminants out
- Machined surface provides exceptional T.I.R.
- Retro Roll capable

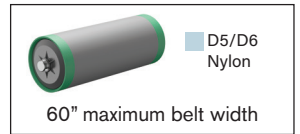
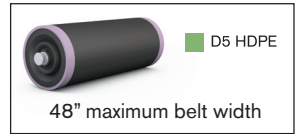
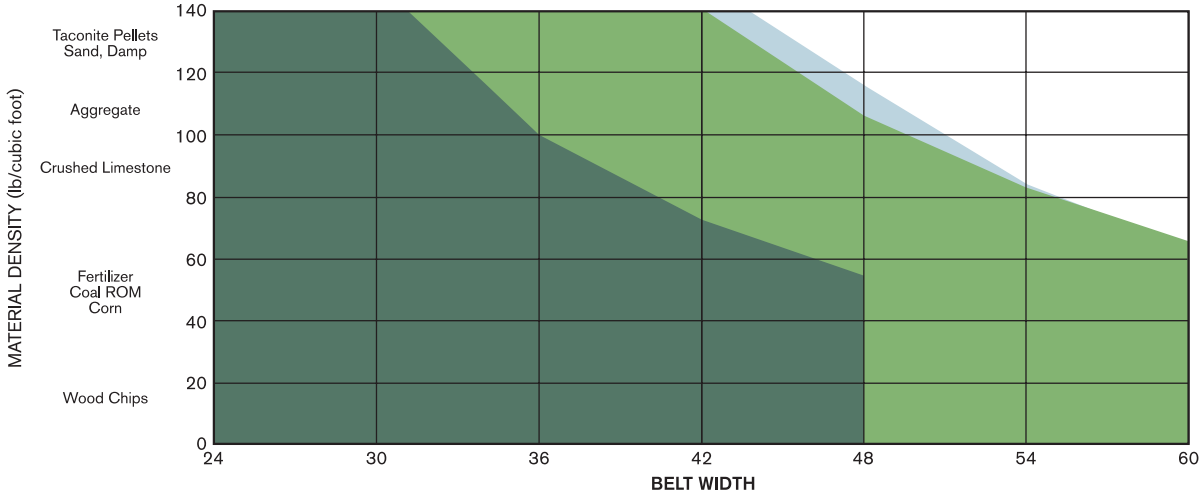
## TECHNICAL SPECIFICATIONS

- Meets CEMA D dimensions
- Available in 5" diameter with 25mm shaft
- 1 1/16" tube thickness
- Utilizes sealed for life ball bearing
- Sample part number: D5-35TE-24PE

See back for lightweight roll selection guide.

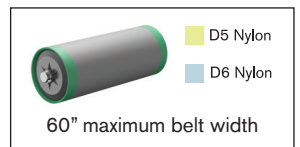
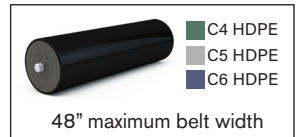
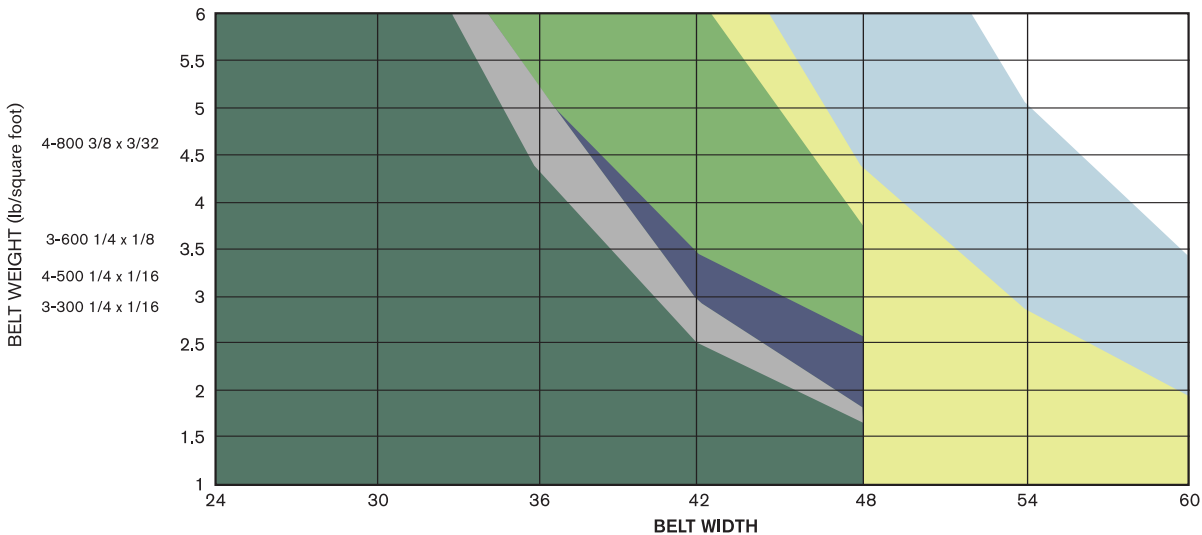
## TROUGHING ROLL REFERENCE CHART

### MAXIMUM MATERIAL DENSITY FOR ROLL TYPE



## RETURN ROLL REFERENCE CHART

### MAXIMUM BELT WEIGHT FOR ROLL TYPE



\*Charts are given for reference only, exact loading conditions may vary. For loading requirements exceeding chart recommendations please contact PPI engineering for additional solutions. For more information about polymer roll capabilities, please refer to PPI's polymer roll fact sheet, Plastic vs. Steel, found on our website: [www.ppi-global.com/resources/catalogs](http://www.ppi-global.com/resources/catalogs)