

TYPICAL SPECIFICATION
GUARDASEAL™ Sealing Support System

A side rail belt support system shall be installed to improve belt stability and belt edge sealing at the exit end of the loading area and as far down the conveyor line as required.

This belt support system employs a bar support system underneath the skirtboard on both sides of the conveyor to support the belt edges in a cradled position.

(Depending on the application, rollers may be installed between the support bars to support the center of the belt.)

The belt support bars shall be 48 inches (1220 mm) long and constructed of Ultra High Molecular Weight Polyethylene (UHMW) to provide a low-coefficient of friction against the belt. The support bars shall be double sided to allow use of both top and bottom surfaces to provide an extended wear life. The bars shall be supported through their center by a steel tube.

The mounting structure for the support bars shall be designed for ease of installation, and allow adjustment of bar height and easy replacement of worn bars. The bar supports will be adjustable from 20 through 45 degrees to match the conveyor trough angle.

The supplier of the belt support cradle will be ISO 9001 quality system certified.

The side rail sealing support system shall be a GUARDASEAL™ Sealing Support System as supplied by Martin Engineering, Neponset, Illinois.

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