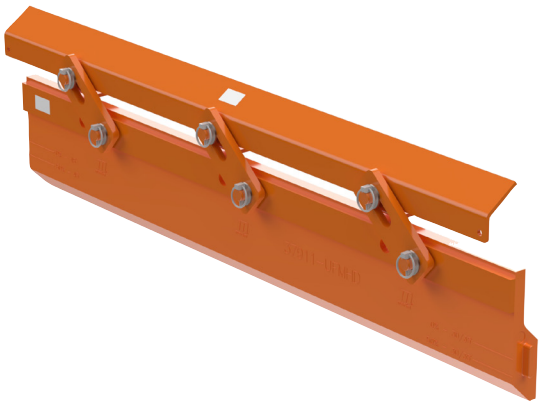
Martin® GravitySeal™ Self-Adjusting Skirting HD Max



Martin® GravitySeal™ Self-Adjusting Skirting HD Max provides an effective skirtboard seal that prevents spillage and the problems caused by fugitive material. It self-adjusts to minimise skirtboard maintenance. As it requires 2.88 inches (73 mm) of free belt space outside the chute, Martin® GravitySeal™ Self-Adjusting Skirting HD Max is the ideal sealing system for conveyors with chutes close to the belt edge. The urethane and clamp assembly can be installed in spaces as low as 13.0 in. (330 mm) above the belt.

BENEFITS

- **"Self-Adjusts" to Maintain Effective Barrier.**
- **Installs Easily in Tight Clearances.**
- **Simple "No-Tool" Urethane Replacement.**
- **Prevents Regulatory Problems from Spillage.**
- **Minimizes Clean-up Labour and Expense.**
- **Preserves Conveyor Components from Fugitive Material.**
- **Keeps Cargo on Belt to Improve Conveyor Efficiency.**

NOTES

- **Maintains Seal Without Maintenance**
  GravitySeal™ system rides on belt, self-adjusting to maintain effective seal automatically as belt path fluctuates and sealing strip wears.
- **Belt Edge Requirement**
  Fits on any belt; provides effective seal on conveyors where chute width leaves 2.88 in. (73 mm) of free belt area for sealing.
- **Quick and Easy to Install**
  Short 48 in. (1220 mm) clamp sections simplify installation.
- **Long-Lasting Performance**
  Durable sealing strip provides 2.0 in. (50 mm) wear life for 45° troughing angles with 3.0 in. (75 mm) wear life for 30° and 35° troughing angles. Stainless Steel assemblies available upon request.
- **"No-Tool" Urethane Replacement**
  The sealing strip is held in place with linchpins, making replacement of a worn strip a quick, easy, no-tool operation.

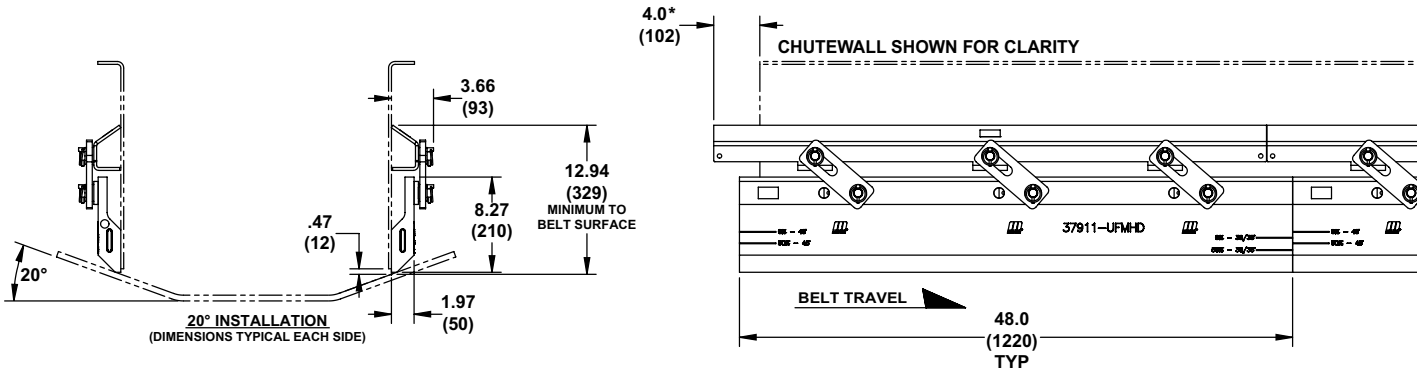
SPECIFICATIONS

Durometer (Shore A)	Trough Angle (°)	Operating Temperature* (°C)	Max. Belt Speed (m/sec.)	Belt Rollback	Reversing operation
90	0 - 45	-40° to +150°	5,0	Yes	Yes

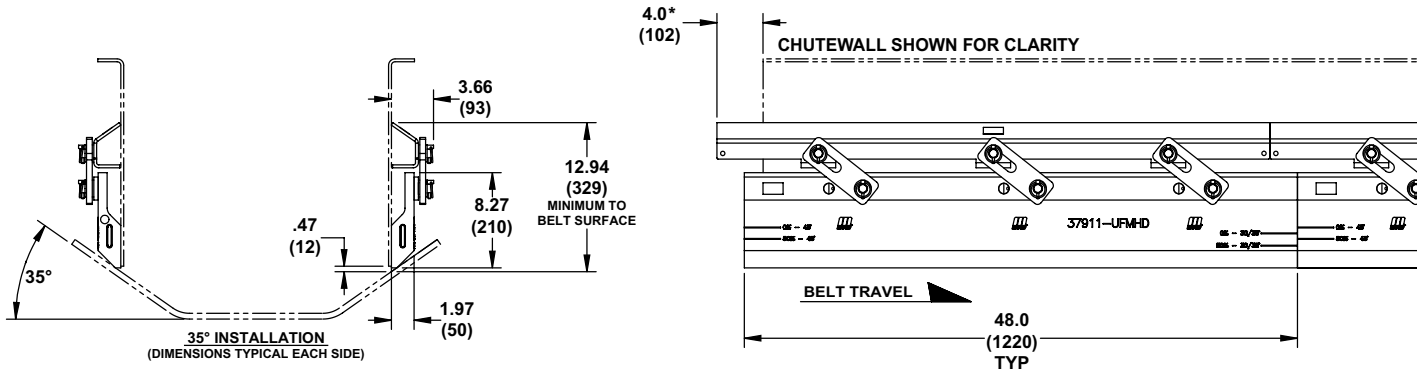
** Depending on the type of polyurethane*

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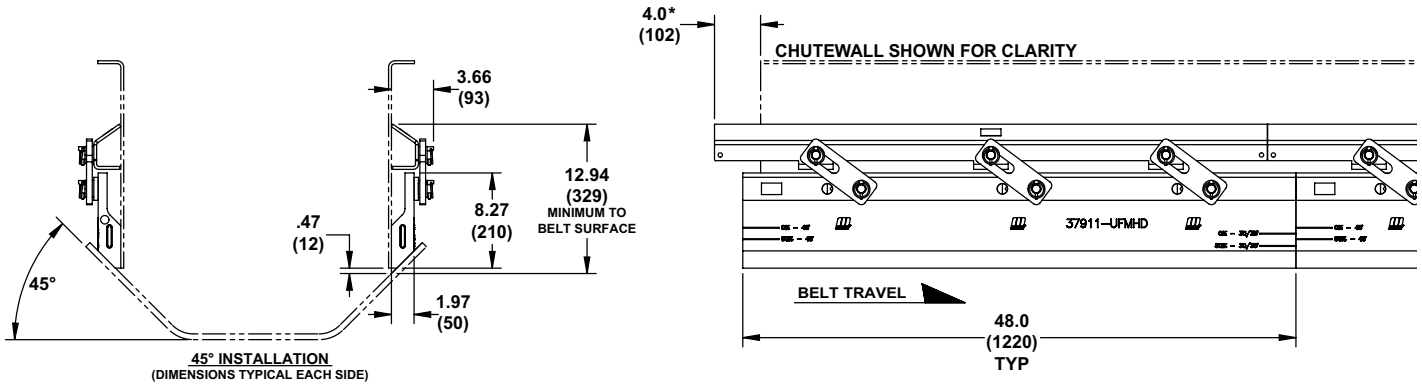
DIMENSIONS -- in. (mm)



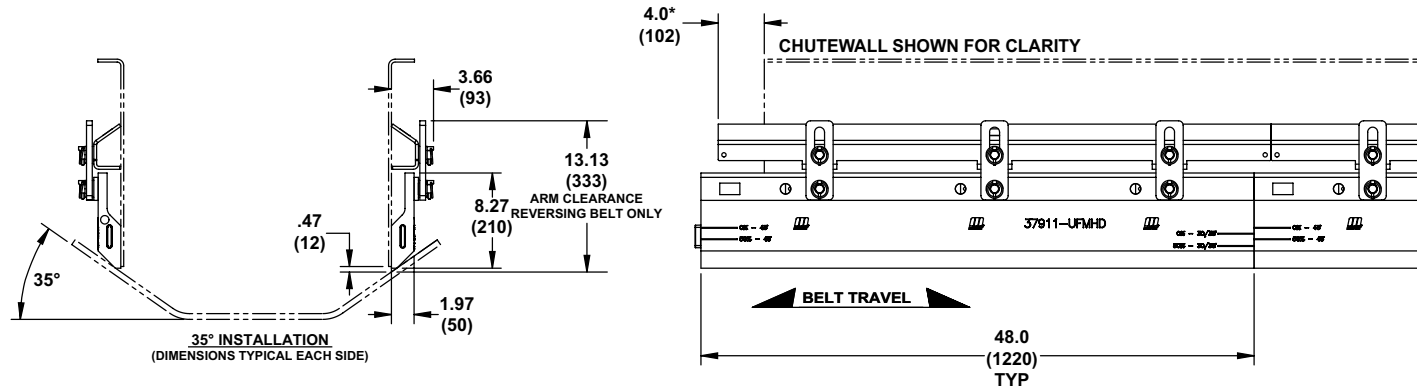
20° INSTALLATION
(DIMENSIONS TYPICAL EACH SIDE)



35° INSTALLATION
(DIMENSIONS TYPICAL EACH SIDE)



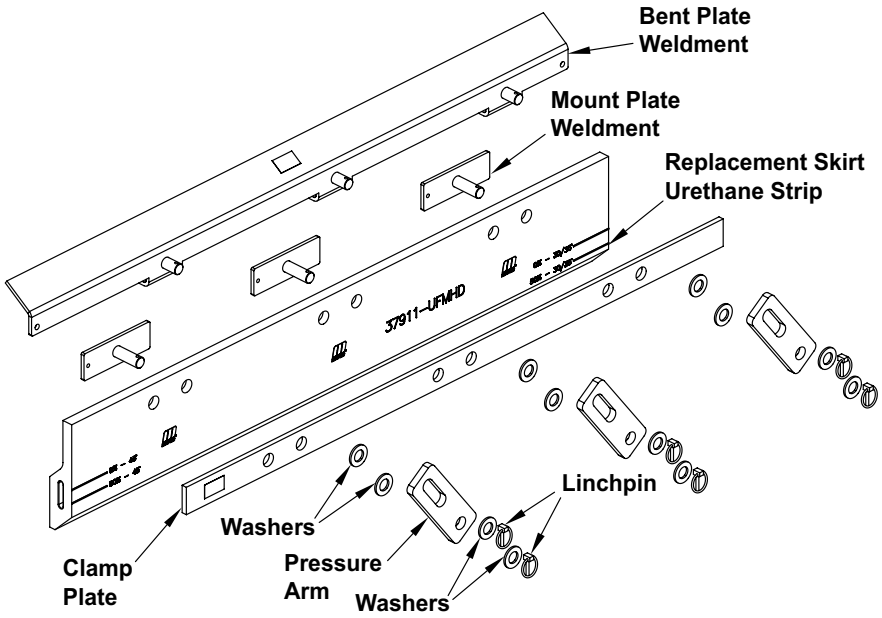
45° INSTALLATION
(DIMENSIONS TYPICAL EACH SIDE)



35° INSTALLATION
(DIMENSIONS TYPICAL EACH SIDE)

*MARTIN® GRAVITYSEAL™ SELF-ADJUSTING SKIRTING HD MAX SHOULD BEGIN AT LEAST 4 INCHES (102 MM) BEFORE THE INLET SIDE OF THE CHUTE WALL.

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ORDER INFORMATION

Martin® GravitySeal™ Self-Adjusting Skirting HD Max	Length	Part Number
Martin® GravitySeal™ Self-Adjusting Skirting HD Max Assembly	48 in. (1219 mm)	37911-GS4XX*
Martin® GravitySeal™ Self-Adjusting Skirting HD Max Urethane Strip	48 in. (1219 mm)	37911-XFMHD** (need 1 per Clamp Assembly)

*First X indicates Urethane Strip colour: Orange (U), Brown (B), Green (G)

Last X indicates Material/Finish: Mild Steel Painted (T), Stainless Steel (S)

**X indicates Urethane Colour: Orange (U), Brown (B), Green (G)

NOTES

Failure to keep the belt tracking properly may result in spillage, premature failure of the skirt material and damage to the belt or structure.

Installation of Martin® Wear Liner is recommended to protect the sealing system from the pressure of the material load.

The Martin® GravitySeal™ Self-Adjusting Skirting HD Max is not suitable for use in potentially explosive areas of ATEX zones or underground applications.

Martin® GravitySeal™ Self-Adjusting Skirting should begin at least 4 inches (102 mm) before the inlet side of the chute wall (closest to the tail pulley) and extend beyond the end of the chute. As Martin® GravitySeal™ Self-Adjusting Skirting HD Max wears from new to completely worn, the system will move backward on the conveyor approximately 4 inches (102 mm).

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