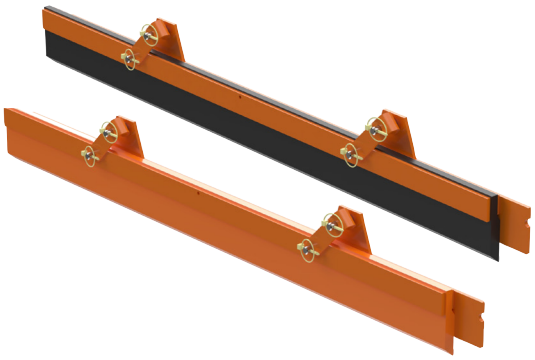
Martin® GravitySeal™ Self-Adjusting Skirting



Martin® GravitySeal™ Self-Adjusting Skirting 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 only 1.5 inches (38 mm) of free belt space outside the chute, Martin® GravitySeal™ Self-Adjusting Skirting is the ideal sealing system for conveyors with chutes close to the belt edge. The seal and clamp assembly can be installed in spaces as low as 6 inches (152 mm) above the belt.

BENEFITS

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

NOTES

- **Maintains Seal Without Maintenance**
  System rides on belt, self-adjusting to maintain effective seal automatically as belt path fluctuates and sealing strip wears.
- **Lowest Belt Edge Requirement**
  Fits on any belt; provides effective seal on conveyors where chute width leaves as little as 1.5 inches (38 mm) of free belt area for sealing.
- **Compact System Fits Tight Places**
  Low-profile skirting assembly needs only six inches (152 mm) of clearance, allowing installation in small spaces.
- **Quick and Easy to Install**
  Short 48-inch (1219-mm) clamp sections with built-in plug-weld guides simplify installation.
- **Long-Lasting Performance**
  Durable sealing strip provides 2-inch (51-mm) wear life. Zinc-plated moving parts will not seize or rust together.
- **"No-Tool" Seal Replacement**
  The sealing strip is held in place with linchpins, making replacement of a worn strip a quick, easy, no-tool operation. Rubber strip supplied in continuous lengths up to 300 feet (91.44 m).

SPECIFICATIONS

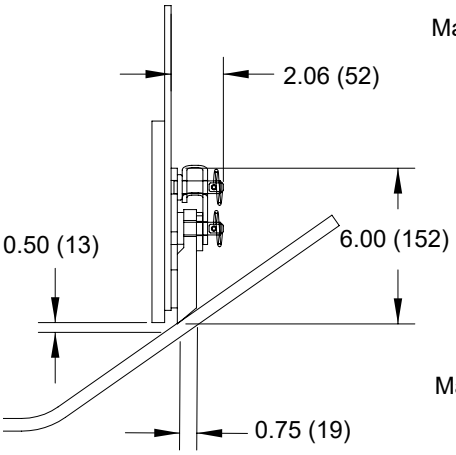
RUBBER					
Durometer (Shore A)	**Trough Angle (°)**	**Operating Temperature (°C)**	**Max. Belt Speed (m/sec.)**	**Belt Rollback**	**Reversing operation**
70	0 - 45	-30° to +121°	3,0	No	No

POLYURETHANE					
Durometer (Shore A)	**Trough Angle (°)**	**Operating Temperature* (°C)**	**Max. Belt Speed (m/sec.)**	**Belt Rollback**	**Reversing operation**
90	0 - 45	-40° to +150°	4,5	No	No

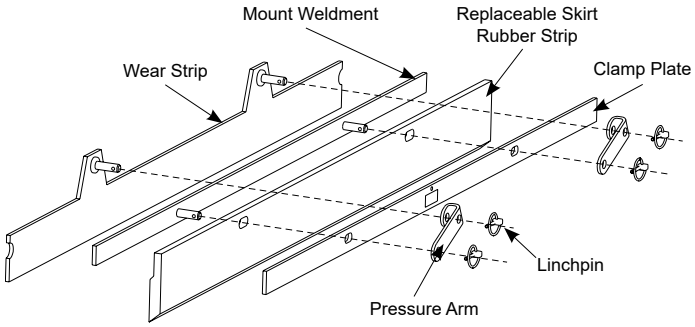
** Depending on the type of polyurethane*

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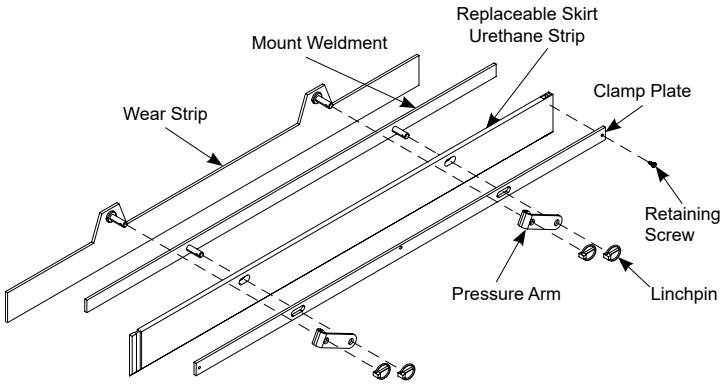
DIMENSIONS -- in. (mm)



Martin® GravitySeal™ Self-Adjusting Skirting Rubber Assembly



Martin® GravitySeal™ Self-Adjusting Skirting Urethane Assembly



ORDER INFORMATION

Martin® GravitySeal™ Self-Adjusting Skirting	Length	Part Number
Martin® GravitySeal™ Self-Adjusting Skirting Clamp Assembly Mild Steel	48 in. (1219 mm)	37911
Martin® GravitySeal™ Self-Adjusting Skirting Rubber Strip	Maximum of 300 ft (91,44 m)	37911-R Specify length required in feet
Martin® GravitySeal™ Self-Adjusting Skirting Urethane Strip	48 in. (1219 mm)	100785UX*

* X indicates urethane colour; O = Orange, G = Green.

- Order enough Clamp Assemblies (PN: 37911) to match installation requirements for both sides of the conveyor.
- Order Rubber Strip (PN: 37911-R) in one length and cut it in the field into two strips to cover both sides of the conveyor.

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 is not suitable for use in potentially explosive ATEX zones or underground applications.
- Martin® GravitySeal™ Self-Adjusting Skirting should begin at least 6 inches (152 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 wears from new to completely worn, the system will move backward on the conveyor approximately 3 inches (76 mm).

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