



316 STAINLESS • UHMW • TEFLON ROTOR CUPS • MADE IN THE USA

SCP Master Seal

A fully mechanical screw conveyor shaft seal for about the same cost as a waste pack seal and significantly less than a packing gland seal. Teflon rotor cups seal against 316SS face plates — so there is no rope packing rubbing on your conveyor shaft, the usual cause of premature seal and shaft failure. Available for 1 1/2" through 3 7/16" shafts, ships in 1-3 days. Outlasts any other screw conveyor shaft seal.



SCP Master Seal

The standard seal. 316SS cover plates, UHMW body, Teflon rotor cups and silicone elastomer.



SCP Master Seal with Air Purge

The same seal, plus a 3/8" adjustable air filter regulator and fittings — for abrasive products like sand, coal dust, minerals and metal recyclables.

Why the Master Seal

No rope packing

Mechanical faces seal instead of rope wearing against the shaft.

Allows runout & misalignment

Allows for shaft runout and misalignment while keeping its seal.

Seals against all products

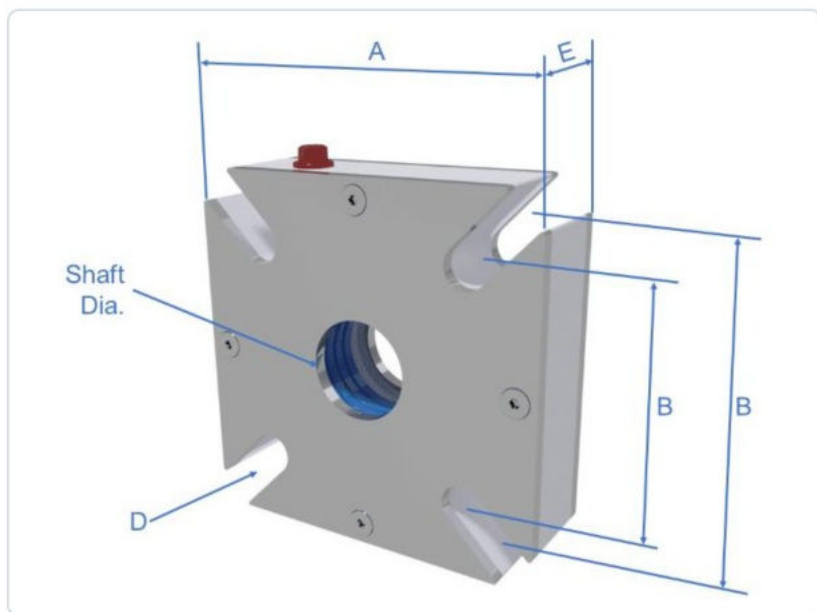
Dust, sand, cement, sugar, salt, liquid, sludge and drilling mud.

Pays for itself. For a few hundred dollars over the cost of a waste pack seal, the Master Seal pays for itself over and over.

Dimensions & part numbers on back →



Dimensions



Dimensions

- A** Overall seal size, square
- B** Bolt pattern range, min to max, square – slots fit your existing trough end
- D** Mounting bolt size
- E** Seal thickness

Dimensionally the same as a standard waste pack seal – a direct swap.

DIMENSIONS (INCHES)

Shaft Dia.	A (SQ.)	B Min (SQ.)	B Max (SQ.)	D (Bolts)	E
1 1/2"	5 3/8"	4"	4 1/8"	1/2"	15/8"
2"	6 1/2"	4 3/8"	5 1/8"	5/8"	15/8"
2 7/16"	7 3/8"	5 3/8"	5 5/8"	5/8"	15/8"
3"	7 3/4"	6"	6"	3/4"	15/8"
3 7/16"	9 1/4"	6 3/4"	7"	3/4"	15/8"

SCP PART NUMBERS

Master Seal	w/ Air Purge	Rebuild Kit
9111120	9111125	9111130
9111121	9111126	9111131
9111122	9111127	9111132
9111123	9111128	9111133
9111124	9111129	9111134

Materials of construction

- ✓ **Cover plates:** 316 stainless steel
- ✓ **Body:** UHMW
- ✓ **Rotor cups:** Teflon
- ✓ **Elastomer:** silicone
- ✓ **Air purge option:** 3/8" adjustable filter regulator and fittings

Installation at a glance

- 1 Ships fully assembled – slide it on the shaft to the trough end. Install flange bearing (if applicable)
- 2 Torque mounting bolts to 20–25 ft-lbs
- 3 Tighten the internal worm clamp
- 4 Air purge option: set 5–10 psi above vessel pressure with clean, dry air

Order a Master Seal today

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