

# Rheodyne Rotor Seals and Stators



## Rotor Seals and Stators

The rotor seal is the polymeric disc that makes a high pressure seal against the stator. The seal wears with use and is one of the only parts that may need routine replacement. Stators need replacement only if the ports or sealing surfaces become damaged.

Vespel blend rotor seals have an operating pH range from 0 to 10. Tefzel blend and PEEK blend rotor seals have a pH range from 0 to 14. Strong oxidizing acids such as concentrated nitric and sulfuric are not compatible with PEEK.

Stators are available in 316 stainless steel and PEEK. Our materials of construction have been researched and selected for their physical and mechanical strength.

### Vespel™ Blend Rotor Seal Part Numbers & Descriptions

PART NUMBER	DESCRIPTION
7010-039	Vespel Rotor Seal for 7010, 7000, 7040
7030-003	Vespel Rotor Seal for 7030
7060-070	Vespel Rotor Seal for 7060, 7066
7125-047	Vespel Rotor Seal for 7125, 7725
7410-038	Vespel Rotor Seal for 7410
7413-013	Vespel Rotor Seal for 7413
8125-038	Vespel Rotor Seal for 8125

### PEEK Blend Rotor Seal Part Numbers & Descriptions

PART NUMBER	DESCRIPTION
3030-005	PEEK Rotor Seal for 3030, 3030-038
3060-001	PEEK Rotor Seal for 3060, 3060-038
3710-008	PEEK Rotor Seal for 3000, 3000-038, 3710, 3710-038
3725-018	PEEK Rotor Seal for 3725, 3725-038
7610-011	PEEK Rotor Seal for 7610-400, 7610-600

### Stator Part Numbers & Descriptions

PART NUMBER	DESCRIPTION
3060-009	Stator for 3060
3060-010	Stator for 3060-038
3725-006	Stator for 3725, 3710-038, 3000-038, 3030-038
3725-085	Stator for 3725-038, 3710-038, 3000-038, 3030-038
7010-040	Stator for 7010, 7125, 7000, 7030, 7040
7010-066	Stator for 7125-081, 7010-087
7060-039	Stator for 7060, 7066
7123-047	Stator for PR/EV500-100
7123-127	Stator for PR/EV750-107
7123-128	Stator for PR/EV700-107
7123-142	Stator for PR/EV500-104
7123-145	Stator for PR/EV550-104
7123-147	Stator for PR/EV550-100
7123-148	Stator for PR/EV500-101
7123-180	Stator for PR703-100
7123-221	Stator for PR753-100
7123-223	Stator for PR/EV700-112
7410-041	Stator for 7410, 7413
7610-048	Stator for 7610-600
7650-002	Stator for PR/EV700-102
7725-010	Stator for 7725
7750-038	Stator for PR/EV700-100
8125-098	Stator for 8125
9060-016	Stator for 9060
9125-043	Stator for 9125, 9010, 9030, 9725
9650-009	Stator for PR/EV750-102
9750-021	Stator for PR/EV750-100

### Tefzel™ Blend Rotor Seal Part Numbers & Descriptions

PART NUMBER	DESCRIPTION
7010-071	Tefzel Rotor Seal for 7010, 7010-087, 7000, 7040
7030-015	Tefzel Rotor Seal for 7030
7060-074	Tefzel Rotor Seal for 7060, 7066, 9060
7125-079	Tefzel Rotor Seal for 7125, 7125-081, 7725
7410-075	Tefzel Rotor Seal for 7410
8125-097	Tefzel Rotor Seal for 8125
9010-051	Tefzel Rotor Seal for 9010
9125-082	Tefzel Rotor Seal for 9125, 9725