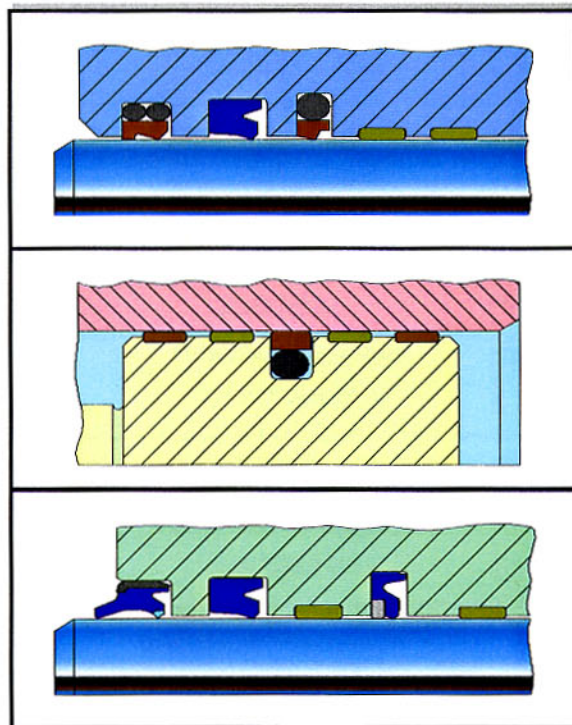


Standard Range of Hydraulic Seals

Dirt Wipers

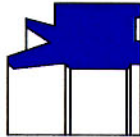
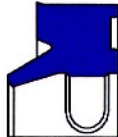
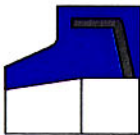







Rod Seals

Piston Seals



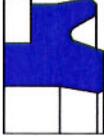
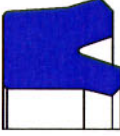


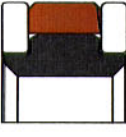
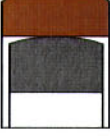
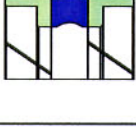
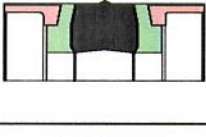
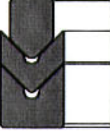


Standard Dirt Wipers

Product		Material(s)	Maximum Operating Limits	
PU5 Dirt Wiper Snap-in Single Acting		NOVATHAN (Premium Urethane)	Temperature Sliding Speed	-40 ... 230°F 400 Ft./Min.
PU6 Dirt Wiper Snap-in Single Acting		NOVATHAN (Premium Urethane)	Temperature Sliding Speed	-40 ... 230°F 400 Ft./Min.
PU7 Dirt Wiper Press Fit Single Acting		NOVATHAN (Premium Urethane) w/ metal cage	Temperature Sliding Speed	-40 ... 230°F 400 Ft./Min.
P8 Dirt Wiper Snap-in Double Acting		NBR Viton	Temperature Sliding Speed	-22 ... 400°F 200 Ft./Min.
P9 Dirt Wiper Snap-in Double Acting		NBR Viton	Temperature Sliding Speed	-22 ... 400°F 200 Ft./Min.
PU10 Dirt Wiper Press Fit Single Acting		NOVATHAN (Premium Urethane) w/ metal cage	Temperature Sliding Speed	-40 ... 230°F 100 Ft./Min.
PU11 Dirt Wiper Snap-in Double Acting		NOVATHAN (Premium Urethane)	Temperature Sliding Speed	-40 ... 230°F 200 Ft./Min.
8095 Dirt Wiper Press Fit Double Acting		NOVATHAN (Premium Urethane) w/ metal cage	Temperature Sliding Speed	-40 ... 230°F 100 Ft./Min.
W15 Dirt Wiper Snap-in Double Acting		PTFE/Bronze or PTFE/Glass with NBR or Viton Energizer	Temperature Sliding Speed	-22 ... 400°F 1,000 Ft./Min.
PT2 Dirt Wiper Snap-in Double Acting		PTFE/Bronze or PTFE/ Glass with NBR or Viton Energizer	Temperature Sliding Speed	-22 ... 400°F 1,000 Ft./Min.



Standard Piston Seals

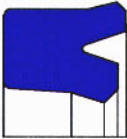
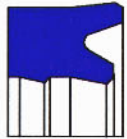
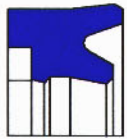
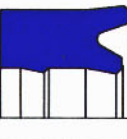


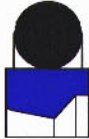
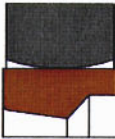


Product		Material(s)	Maximum Operating Limits	
T18 Piston Seal Single Acting		NOVATHAN (Premium Urethane) w/ Back-up Ring	Temperature Sliding Speed Pressure	-40 ... 230°F 100 Ft./min. 6,000 psi
T21 Piston Seal Single Acting		NOVATHAN (Premium Urethane)	Temperature Sliding Speed Pressure	-40 ... 230°F 100 Ft./min. 6,000 psi
OMEGAT OMK-MR Piston Seal Double Acting		PTFE/Bronze or PTFE/Glass with NBR or Viton Energizer	Temperature Sliding Speed Pressure	-22 ... 400°F 1,000 Ft./Min. 6,000 psi
OMEGAT OMK-E Piston Seal Single Acting		PTFE/Bronze or PTFE/Glass with NBR or Viton Energizer	Temperature Sliding Speed Pressure	-22 ... 400°F 1,000 Ft./Min. 6,000 psi
L27 Piston Seal Double Acting		PTFE/Bronze or PTFE/Glass with NBR or Viton Energizer	Temperature Sliding Speed Pressure	-22 ... 400°F 300 Ft./Min. 6,000 psi
OMEGAT OMK-S Piston Seal Double Acting		PTFE/Bronze or PTFE/Glass with NBR or Viton Energizer	Temperature Sliding Speed Pressure	-22 ... 400°F 1,000 Ft./Min. 6,000 psi
T19 Piston Seal Compact Design Double Acting		NOVATHAN (Premium Urethane) w/ POM Angle Bushings	Temperature Sliding Speed Pressure	-40 ... 212°F 100 Ft./min. 3,000 psi
L43 Piston Seal Compact Design Double Acting		NBR with polyester back-up rings and polyamide angle bushings	Temperature Sliding Speed Pressure	-22 ... 212°F 100 Ft./Min. 6,000 psi
1170 V-packing Split or endless		Fabric Reinforced NBR or Viton	Temperature Sliding Speed Pressure	-22 ... 284°F 100 Ft./Min. 6,000 psi

Important Notes:

Values for maximum operating conditions are provided for general guidance only. Actual operating limits will vary with material used, system fluid and other operating conditions. Operating limits provided may be the combined range of all materials offered and may not be achievable by any one material. Please contact System Seals Inc. engineering for a recommendation specific to your application. Viton is a registered trademark of DuPont Dow Elastomers.

Standard Rod Seals



Product		Material(s)	Maximum Operating Limits	
T20 Rod Seal		NOVATHAN (Premium Urethane)	Temperature	-40 ... 230°F
			Sliding Speed	100 Ft./min.
			Pressure	6,000 psi
T22 Rod Seal		NOVATHAN (Premium Urethane)	Temperature	-40 ... 230°F
			Sliding Speed	100 Ft./min.
			Pressure	6,000 psi
T23 Rod Seal		NOVATHAN (Premium Urethane) w/ Back-up Ring	Temperature	-40 ... 230°F
			Sliding Speed	100 Ft./min.
			Pressure	6,000 psi
T24 Rod Seal Telescopic Rods		NOVATHAN (Premium Urethane)	Temperature	-40 ... 230°F
			Sliding Speed	100 Ft./min.
			Pressure	6,000 psi
SYPRIM Rod Seal		NOVATHAN (Premium Urethane) w/ Back-up Ring	Temperature	-40 ... 230°F
			Sliding Speed	100 Ft./min.
			Pressure	6,000 psi
OMEGAT OMS-MR Rod Seal		PTFE/Bronze or PTFE/Glass with NBR or Viton Energizer	Temperature	-22 ... 400°F
			Sliding Speed	1,000 Ft./Min.
			Pressure	6,000 psi
OMEGAT OMS-PUR Rod Seal		NOVATHAN (Premium Urethane) w/ NBR Energizer	Temperature	-22 ... 212°F
			Sliding Speed	100 Ft./Min.
			Pressure	6,000 psi
OMEGAT OMS-S Rod Seal Heavy Duty Series		PTFE/Bronze or PTFE/Glass with NBR or Viton Energizer	Temperature	-22 ... 400°F
			Sliding Speed	1,000 Ft./Min.
			Pressure	6,000 psi
1170 V-packing Split or endless		Fabric Reinforced NBR or Viton	Temperature	-22 ... 212°F
			Sliding Speed	100 Ft./Min.
			Pressure	10,000 psi
1000 V-packing Split or endless		Fabric Reinforced NBR or Viton	Temperature	-22 ... 250°F
			Sliding Speed	100 Ft./min.
			Pressure	10,000 psi