

ROD WIPER D



ROD WIPER

Product Performance. Affordability. Availability.

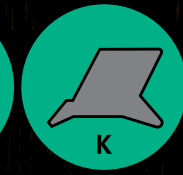


ROD WIPER

D



ROD WIPER PROFILES



The D Rod Wiper is an economical snap-in polyurethane wiper that is designed to fit industry standard “Universal” and D style glands. This design offers all of the latest developments, in that it has molded in support ribs on the inner diameter to provide improved stability and prevention of pressure trapping. Additionally, the exclusion ribs on the outer diameter prevent the migration of contaminants and moisture from entering around the outside diameter of the wiper. Lastly, the wiping lip is knife trimmed to aggressively remove heavy deposits of mud, sand and ice from the cylinder rod surface.

The D Rod Wiper is well suited for standard industrial hydraulic cylinders, and well as, more demanding mobile and off highway hydraulic cylinder applications. The D Rod Wiper is an efficient and cost effective solution providing consistent reliability and proven wiper performance. The product range consists of standard wiper sizes to fit universal inch size rod glands.

STANDARD MATERIALS

- P92T 92 Shore A Polyurethane (Blue) Recommended for rod diameters < 1.50”
- P94T 94 Shore A Polyurethane (Orange) Recommended for rod diameters > 1.50”

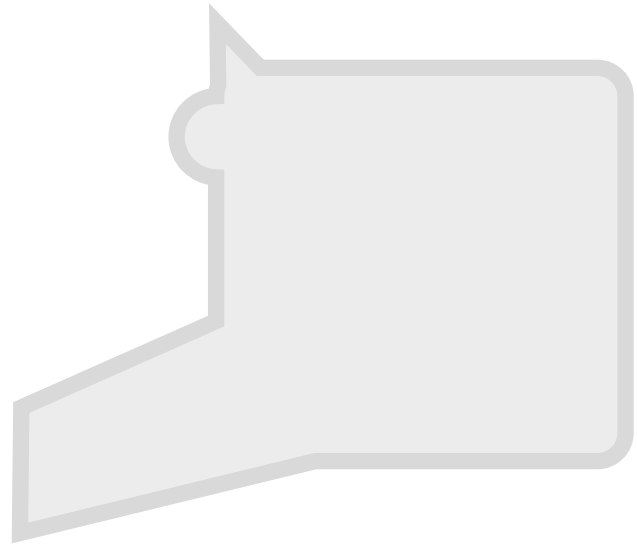
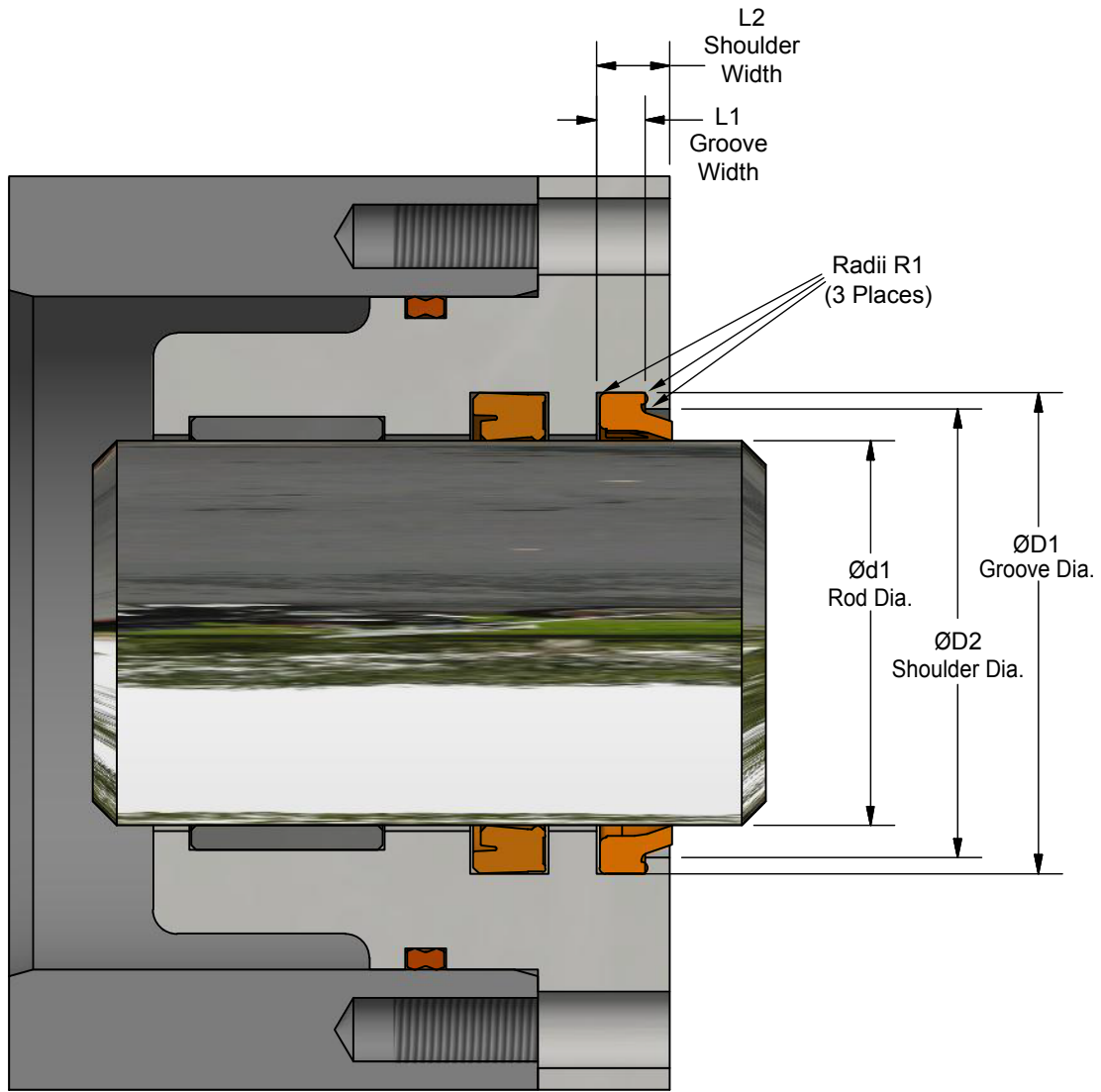
TECHNICAL SPECIFICATIONS

OPERATING CONDITION

Parameter	Unit	Low Extreme	Normal Operation			High Extreme
Pressure	psi					
Temperature	°F	-65	-40	-	250	265
Speed	fps		0	-	3	6
Note	Continuous operation at any one of the extreme conditions may result in substantially reduced seal life.					

FEATURES

- High abrasion resistance
- Robust wiping performance
- Cost effective
- Hydrolysis resistant
- Compact design
- Easy installation
- Inner ribs for stability
- Non pressure trapping
- Exclusion ribs for contamination control
- Knife trimmed lip for reliable wiping performance
- Full range of standard sizes





Part Number	Rod Dia. "d1"	Groove Dia. "D1"	Groove Width "L1"	Shoulder Dia. "D2"	Shoulder Width "L2"	R1
D-00375-P94T	0.375	0.625	0.125	0.540	0.187	
D-00500-P94T	0.500	0.750	0.125	0.665	0.187	
D-00563-P94T	0.563	0.812	0.125	0.727	0.187	
D-00625-P94T	0.625	0.875	0.125	0.790	0.187	
D-00750-P94T	0.750	1.125	0.187	1.000	0.281	
D-00875-P94T	0.875	1.250	0.187	1.125	0.281	
D-01000-P94T	1.000	1.375	0.187	1.250	0.281	
D-01125-P94T	1.125	1.500	0.187	1.375	0.281	
D-01187-P94T	1.187	1.562	0.187	1.437	0.281	
D-01250-P94T	1.250	1.625	0.187	1.500	0.281	
D-01375-P94T	1.375	1.750	0.187	1.625	0.281	
D-01500-P94T	1.500	1.875	0.187	1.750	0.281	
D-01625-P94T	1.625	2.000	0.187	1.875	0.281	
D-01750-P94T	1.750	2.125	0.187	2.000	0.281	
D-01875-P94T	1.875	2.250	0.187	2.125	0.281	
D-02000-P94T	2.000	2.500	0.250	2.332	0.375	
D-02250-P94T	2.250	2.750	0.250	2.582	0.375	
D-02375-P94T	2.375	2.875	0.250	2.707	0.375	
D-02500-P94T	2.500	3.000	0.250	2.832	0.375	
D-02750-P94T	2.750	3.250	0.250	3.082	0.375	
D-03000-P94T	3.000	3.500	0.250	3.332	0.375	
D-03250-P94T	3.250	3.750	0.250	3.582	0.375	
D-03500-P94T	3.500	4.000	0.250	3.832	0.375	
D-03750-P94T	3.750	4.250	0.250	4.082	0.375	
D-03875-P94T	3.875	4.375	0.250	4.207	0.375	
D-04000-P94T	4.000	4.500	0.250	4.332	0.375	
D-04250-P94T	4.250	4.750	0.250	4.582	0.375	
D-04500-250-P94T	4.500	5.000	0.250	4.832	0.375	
D-04500-P94T	4.500	5.250	0.375	4.998	0.562	
D-04750-P94T	4.750	5.500	0.375	5.248	0.562	
D-05000-250-P94T	5.000	5.500	0.250	5.332	0.375	
D-05000-P94T	5.000	5.750	0.375	5.498	0.562	
D-05250-P94T	5.250	6.000	0.375	5.748	0.562	
D-05500-P94T	5.500	6.250	0.375	5.998	0.562	
D-05750-P94T	5.750	6.500	0.375	6.248	0.562	
D-06000-250-P94T	6.000	6.500	0.250	6.332	0.375	
D-06000-P94T	6.000	6.750	0.375	6.498	0.562	
D-07000-250-P94T	7.000	7.500	0.250	7.332	0.375	
D-07000-P94T	7.000	7.750	0.375	7.498	0.562	
D-08000-P94T	8.000	8.750	0.375	8.498	0.562	
D-08125-250-P94T	8.125	8.625	0.250	8.457	0.375	
D-08500-P94T	8.500	9.250	0.375	8.998	0.562	

Tolerance "h9"

Tolerance "H9"

Tolerance -0.000 / + 0.004

Tolerance -0.005 / + 0.005

Tolerance -0.005 / + 0.005

0.005 / 0.015 Fillet Radii



10515 Majic Port Lane | Fort Wayne, IN 46819 | USA
Telephone: 260-615-3951 | Fax: 260-436-5267
info@BlackHawkSeals.com