

## Design

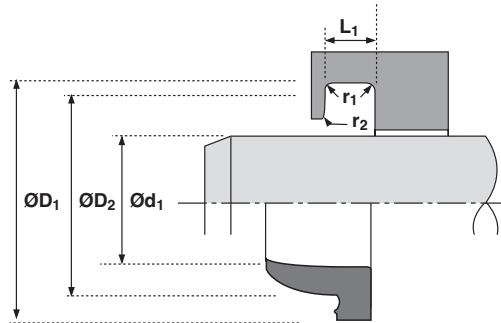
The Hallite 840 medium to heavy duty rod wiper is designed to remove heavy deposits of mud, ice and similar contaminants from the rod.

The proportions of the knife trimmed wiping lip ensure it remains in contact with the rod at all times, even where severe side loads exist. The main body features a rib to prevent moisture and other contaminants from passing over the outside diameter.

This product is manufactured from Hallite's high performance polyurethane - Hythane® 181- to provide a flexible responsive wiper with excellent resistance to abrasion.

### Features

- Precision trimmed wiping lip
- Built-in rib to effectively seal the housing
- Extremely flexible
- Easy installation



### Technical details

#### Operating conditions

	Metric	Inch
Maximum Speed	4.0 m/sec	12.0 ft/sec
Temperature Range	-45°C + 110°C	-50°F + 230°F

#### Surface roughness

	µmRa	µmRt	µinCLA	µinRMS
Dynamic Sealing Face Ød <sub>1</sub>	0.1 < > 0.4	4 max	4 < > 16	5 < > 18
Static Sealing Face ØD <sub>1</sub> ØD <sub>2</sub>	1.6 max	10 max	63 max	70 max
Static Housing Faces L <sub>1</sub>	3.2 max	16 max	125 max	140 max

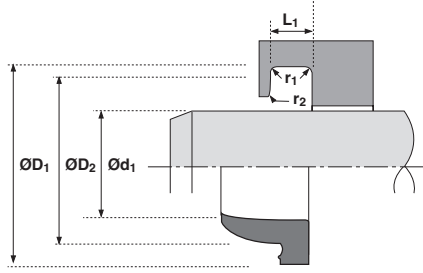
#### Chamfers & Radii

Max Fillet Rad r <sub>1</sub> in	0.010
Max Fillet Rad r <sub>2</sub> in	0.020

#### Tolerances

Ød <sub>1</sub>	ØD <sub>1</sub>	ØD <sub>2</sub>	L <sub>1</sub>
f9	+0.020 +0.010	±0.005	+0.020 +0.010





Ød <sub>1</sub>	TOL f <sub>9</sub>	ØD <sub>1</sub>	TOL	ØD <sub>2</sub>	TOL	L <sub>1</sub> +0.02 +0.01	L <sub>2</sub>	PART No.
1.000	-0.0008 -0.0028	1.400	+0.020 +0.010	1.200	+0.005 -0.005	0.125	0.250	4405800
1.250	-0.0010 -0.0034	1.750	+0.020 +0.010	1.550	+0.005 -0.005	0.125	0.375	4405900
1.500	-0.0010 -0.0034	2.000	+0.020 +0.010	1.800	+0.005 -0.005	0.125	0.375	4406000
1.750	-0.0010 -0.0034	2.250	+0.020 +0.010	2.050	+0.005 -0.005	0.125	0.375	4406100
2.000	-0.0012 -0.0041	2.500	+0.020 +0.010	2.300	+0.005 -0.005	0.125	0.375	4406200



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