



- Category**
- Seal, Single Acting Rod
- Construction**
- Hythane asymmetric twin lip rod U-ring with knifed sealing lips
- Housing**
- Rectangular groove in one piece gland
- Duty**
- Medium
- Features**
- Manufactured from industry leading Hythane polymer
  - Alternative to energised TFE seals in standard grooves
- Comments**
- One piece design simplifies fitting
- Manufacturer**
- Hallite
- Size Range**
- Metric

**Metric Specifications**

<b>Operating Conditions</b>	Maximum Speed:	1.0 m/sec
	Temperature Range:	-45°C ~ 110°C
	Maximum Pressure:	240 bar
<b>Surface Finish</b>	Dynamic Sealing Face:	0.1 ~ 0.4 µmRa
	Static Sealing Face:	1.6 µmRa max
	Other Faces:	3.2 µmRa max
<b>Extrusion Gap (Diametral)</b>		
<b>Pressure (bar)</b>	<b>160</b>	<b>240</b>
Maximum gap (mm)	0.60	0.50
<b>Chamfers</b>		
Minimum Z = C x 0.85		where C = (ØD - Ød) ÷ 2

### Metric Sizes

Part No.	Ød	ØD	H	h
<i>Tolerances</i>	<i>f8</i>	<i>H10</i>	<i>+0.25 -0</i>	
M21.514-2.8-616	14.00	21.50	3.20	2.80
M25.518-2.8-616	18.00	25.50	3.20	2.80
M27.520-2.8-616	20.00	27.50	3.20	2.80
M3120-3.9-616	20.00	31.00	4.20	3.90
M3322-3.9-616	22.00	33.00	4.20	3.90
M32.525-2.8-616	25.00	32.50	3.20	2.80
M3625-3.9-616	25.00	36.00	4.20	3.90
M3928-3.9-616	28.00	39.00	4.20	3.90
M4130-3.9-616	30.00	41.00	4.20	3.90
M39.532-2.8-616	32.00	39.50	3.20	2.80
M4332-3.9-616	32.00	43.00	4.20	3.90
M4736-3.9-616	36.00	47.00	4.20	3.90
M5140-3.9-616	40.00	51.00	4.20	3.90
M55.540-6-616	40.00	55.50	6.30	6.00
M5645-3.9-616	45.00	56.00	4.20	3.90
M60.545-6-616	45.00	60.50	6.30	6.00
M6150-3.9-616	50.00	61.00	4.20	3.90

### Metric Sizes (cont'd)

Part No.	Ød	ØD	H	h
M65.550-6-616	50.00	65.50	6.30	6.00
M71.556-6-616	56.00	71.50	6.30	6.00
M70.660-3.9-616	60.00	70.60	4.20	3.90
M75.560-6-616	60.00	75.50	6.30	6.00
M78.563-6-616	63.00	78.50	6.30	6.00
M80.565-6-616	65.00	80.50	6.30	6.00
M85.570-6-616	70.00	85.50	6.30	6.00
M90.575-6-616	75.00	90.50	6.30	6.00
M95.580-6-616	80.00	95.50	6.30	6.00
M100.585-6-616	85.00	100.50	6.30	6.00
M105.590-6-616	90.00	105.50	6.30	6.00
M110.595-6-616	95.00	110.50	6.30	6.00
M115.5100-6-616	100.00	115.50	6.30	6.00
M125.5110-6-616	110.00	125.50	6.30	6.00
M140.5125-6-616	125.00	140.50	6.30	6.00
M155.5140-6-616	140.00	155.50	6.30	6.00
M175.5160-6-616	160.00	175.50	6.30	6.00