



### Technical Details

### Metric

### Inch

### DESIGN

<b>Operating conditions</b>		
Maximum speed	1.0 m/sec	3.0 ft/sec
Temperature range	-45°C + 110°C	-50°F + 230°F
Maximum pressure	400 Bar	6000 p.s.i

GS1P is an asymmetric seal that offers superlative dry rod sealing for light and medium applications.

GS1P is ideal for applications that require a double lip wiper and it is extremely flexible making it easy for installation.

### Maximum extrusion gap

Pressure bar	160	250	400
Maximum gap mm	0.6	0.5	0.4
Pressure p.s.i	2400	3750	6000

### FEATURES

- Excellent wear resistant
- Flexible easy installation
- High resistance to extrusion
- Wide temperature range
- Low friction

### Surface roughness

	µmRa	µmRt	µinCLA	µinRMS
Dynamic sealing surface	0.1 - 0.4	4 max	4 - 16	5 - 18
Static sealing face	1.6 max	10 max	63 max	70 max
Static Housing faces	3.2 max	16 max	125 max	140 max

### MATERIAL

Seal design comes in a variety of materials and sizes. For more information, please refer to MSDS datasheet

### Chamfers & Radii

Groove section	4.0	5.0	7.5
Min chamfer C mm	3.0	3.5	5.0
Max fillet rad r <sub>1</sub> mm	0.2	0.4	0.8
Max fillet rad r <sub>2</sub> mm	0.4	0.8	1.2

### APPLICATIONS

Light and medium duty applications

### Tolerances

Ød	ØD	Lmm
f9	Js11	+0.25 - 0