



Technical Details	Metric	Inch
<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

## DESIGN

PK6 is an asymmetric seal offering superlative dry rod sealing for light and medium duty applications. Manufactured in a super polyurethane, makes it flexible and easy for installation.

### Maximum extrusion gap

Pressure bar	17	250	400
Maximum gap mm	0.6	0.5	0.4
Pressure p.s.i	2400	3750	6000

## FEATURES

- Flexible for easy installation
- Long life
- Comes in a wide range materials and sizes

### Surface roughness

	µmRa	µmRt	µinCLA	µinRMS
Dynamic sealing surface ØD <sub>1</sub> in	0.1 - 0.4	4 max	4-16	5-18
Static sealing face Ød <sub>1</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

## MATERIAL

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

### Chamfers & Radii

Groove section ≤ S mm	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