



Technical Details

Metric

Inch

DESIGN

Operating conditions		
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

WA2F rod wiper is designed for harsh environments such as in the long wall mining industry. The wiping lip flap prevents water being trapped thus preventing moisture and foreign particles from accessing the cylinder. WA2F rod wiper is manufactured from high performance polyurethane for good compression set, wear and abrasion resistance.

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

- Made from high performance polyurethane
- Long life
- Good compression set
- Wear and abrasion resistance

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_1 mm	0.2	0.4	0.8
Max fillet rad r_2 mm	0.4	0.8	1.2

APPLICATIONS

Light to medium duty applications

Tolerances

$\varnothing d$	$\varnothing D$	Lmm
f9	Js11	+0.25 - 0