



Profile	Features	Pressure Bar	Speed m/s	Temp. C°
	Rod-Piston-Face-Static Seal Standard Sealability	250	5 m/s Axial	-75° + 260°
	Rod-Piston Seal Abrasive Media	250	5 m/s Axial	-75° + 260°
	Rod-Piston-Face-Static Seal Scraper Lips Abrasive Media	250	5 m/s Axial	-75° + 260°
	Rod-Piston Seal Strengthen Sealing Lip Long Life Required	250	5 m/s Axial	-75° + 260°
	Rod-Piston Seal Strengthen Sealing Lip FDA Silicone Filled FDA Environment	250	5 m/s Axial	-60° + 200°
	Rod-Piston Seal Strengthen Sealing Lip Extended Heel Pressure up to 250 Bar	500	5 m/s Axial	-75° + 260°
	Rod-Piston Seal Beaded Lips Fast Axial Stroke	250	7 m/s Axial	-75° + 260°
	Rod-Piston Seal Strengthen Sealing Fast Axial Stroke	250	7 m/s Axial	-75° + 260°
	Rod-Piston-Face-Static Seal O-Ring Energized Increases Friction – Low Cost	250	3 m/s Axial	-60° + 200°
	Rod-Piston-Face-Static Seal High Radial Load Required	250	3 m/s Axial	-100° + 260°
	Rod-Piston-Face Seal Scraper Sealing Lip Abrasive Media	250	3 m/s Axial	-100° + 260°
	Rod-Piston-Face-Static Seal High Radial Load Required Pressure up to 250	500 Radial 1400 Face	3 m/s Axial	-100° + 260°

Machinable
03 mm - 1500 mm

Spring Material:
Aisi 302
Elgiloy

Standard Jacket Material:

Neuflon 009 Blue - FDA
25 HRC surface required
Low fiction – Good Wear
Neuflon 074 Transp FDA
25 HRC surface required
High Wear Resistance
Neuflon 020 White FDA
25 HRC surface required
Cryogenic & Gases
Neuflon 032 Grey
60 HRC surface required
High Wear Resistance
Neuflon 077 Green-Grey
60 HRC surface required
High Wear Resistance
Neuflon 102 Beige FDA
45 HRC required
High Temperature

Profiles can be modified
depending on operating
conditions

Spring's Load can be
set depending on operating
conditions

Maximum operation parameters
can not coincide

Silicone filler is white.
The orange here shown
is just a representation.

	Rod-Piston-Face-Static Seal Scraping Contact Lips	250	3 m/s Axial	-100° + 260°
	Rod-Piston-Face-Static Seal Helical Spring FDA Silicone Filled High Radial Load Required - FDA	250	3 m/s Axial	-60° + 200°
	Rod-Piston-Face-Static Seal Helical Spring Extended Heel – PEEK Back-up High Pressure - Temperature	Up to 700 1400 Face	3 m/s Axial	-100° + 260°
	Rod-Piston-Face-Static Seal Helical Spring Extended Heel – PEEK Back-up High Pressure - Temperature	Up to 700 1400 Face	3 m/s Axial	-100° + 260°
	Rotary Seal Chamfered Sealing Lip Maximum Sealability	50	Rotary 1,5 m/s	-75° + 260°
	Rotary Seal Beaded Sealing Lip Not lubricated applications	50	Rotary 1,5 m/s	-75° + 260°
	Rotary Seal Increases Sealability Increases Friction	50	Rotary 0,5 m/s	-100° + 260°
	Rotary Seal Scraper Lip	50	Rotary 0,5 m/s	-100° + 260°
	Rotary Seal Cantilever Spring + O-Ring Special Housing Required	200	Rotary 1,5 m/s	-75° + 260°
	Rotary Seal Cantilever Spring + FDA O-Ring FDA Silicone Filled Special Housing Required - FDA	200	Rotary 1,5 m/s	-60° + 200°
	Rotary Seal Suitable when cavity doesn't accept flanged profile	200	Rotary 1,5 m/s	-75° + 260°

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