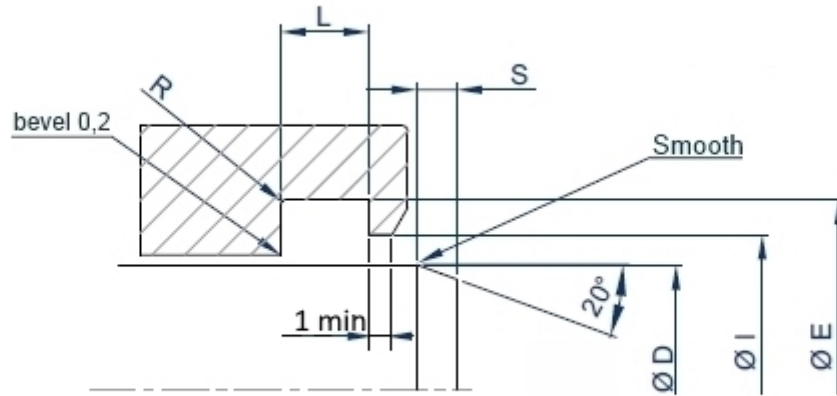


## Wipers |Wiper NRS



The profile and the choice of materials make an extremely reliable component for completely preventing the penetration of solid and liquid contaminative elements in the mechanical organs.

Appliance: Protection of the cylinder rods of industrial equipments

### CHARACTERISTICS

- Closed groove
- Low friction
- Protected wiper lip
- High temperature resistance.

### APPLICATIONS

- Hydraulics and pneumatics
- Linear movements
- linear speed up to 5 m/sec
- T da -60 a + 250°C



## SEAT

Housing class	D Rod diameter		E groove diameter	I max	L groove width	R max	S min	In closed groove from diameter
	standard groove f7	special groove f7	H9	H12	H12			
W1	6 - 11	5 - 100	D + 4.8	D + 1.5	3.7	0.3	1.4	20
W2	12 - 64	8 - 250	D + 6.8	D + 1.5	5.0	0.3	2.6	30
W3	65 - 250	10 - 450	D + 8.8	D + 1.5	6.0	0.4	3	40
W4	251 - 420	15 - 650	D + 12.2	D + 2.0	8.4	0.5	7	60
W5	421 - 650	120 - 1200	D + 16	D + 2.5	11.0	0.6	10	120
W6	651 - 1100	651 - 1200	D + 20	D + 2.5	14.0	0.8	17	651
W7	651 - 1100	651 - 1200	D + 23	D + 2.5	16.0	0.8	17	651

### Coding example

profile code NRS  
rod 50  
housing class W2  
materials: Neuflon 031 O-Ring NBR

**Wiper NRS 050 W2 N-031 NBR**



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## AVAILABILITY

**To check the availability:**

- choose profile and compound from the drop-down menu
  - input the desired housing class
  - input the desired diameter
- Once obtained the availability, a request for quotation can be sent.



## MATERIALS

Click compound's code to download the .PDF data sheet. Registration required.

HD Slippers code	Composition	Approvals	ΔT °C	Description
<a href="#">N-020</a>	Virgin PTFE	<b>FDA NORSOK</b>	-268 +260	All purpose, low friction coefficient, extrusion withstanding.
<a href="#">N-009</a>	Ptfe-oxides	<b>FDA</b>	-268 +260	All purpose on soft surfaces
<a href="#">N-031</a>	Ptfe-bronze		-268 +260	High wear resistance, hydraulic seals
<a href="#">N-032</a>	Ptfe-carbon		-268 +260	High wear resistance, pneumatic and hydraulic seals
<a href="#">N-059</a>	Ptfe-carbographite		-268 +260	High wear resistance, hydraulic and pneumatic seals, hard surfaces
<a href="#">N-197</a>	Ptfe-carbographite	<b>NORSOK</b>	-268 +260	High wear resistance, hydraulic and pneumatic seals
<a href="#">N-043</a>	Ptfe-graphite	<b>FDA</b>	-268 +260	High wear resistance, low friction coefficient.
<a href="#">N-103</a>	Ptfe-carbon fibre	<b>FDA</b>	-268 +260	High wear resistance, low friction coefficient, hard surfaces.
<a href="#">N-077</a>	Ptfe-glass fibre-MoS <sub>2</sub>		-268 +260	Of general use, in lubricated applications, rotary seals
<a href="#">N-060</a>	Ptfe-glass fibre	<b>FDA</b>	-268 +260	All purpose on hard surfaces
<a href="#">N-067</a>	Ptfe-glass fibre	<b>FDA NORSOK</b>	-268 +260	High wear and creep resistance
<a href="#">N-102</a>	Ptfe-Liquid crystal polymer	<b>FDA - EU</b>	-268 +260	Food & Pharma, fit for soft surfaces
<a href="#">N-088</a>	Ptfe-poliimide		-268 +260	High wear resistance. Soft surfaces
<a href="#">N-074</a>	PEHMW	<b>FDA</b>	-140 +80	High wear and extrusion resistance
<a href="#">P95-A112</a>	Polyurethane		-30 +105	Extrusion withstanding, low friction coefficient
<a href="#">P95-G114</a>	Polyurethane	<b>FDA</b>	-30 +105	Extrusion withstanding, lower friction coefficient

### ELASTOMER ACCORDING WITH FLUID

FLUID	ELASTOMER
HYDRAULIC OIL - TRANSMISSION OIL	NBR
FIRE RESISTANT SYNTETIC HYDRAULIC OIL	EPDM
WATER AND WATER/OIL EMULSIONS	NBR
FOOD AND DRUG	MVQ
AIR	NBR
STEAM	EPDM - FFKM
ACIDS AND BASES	FKM - FFKM