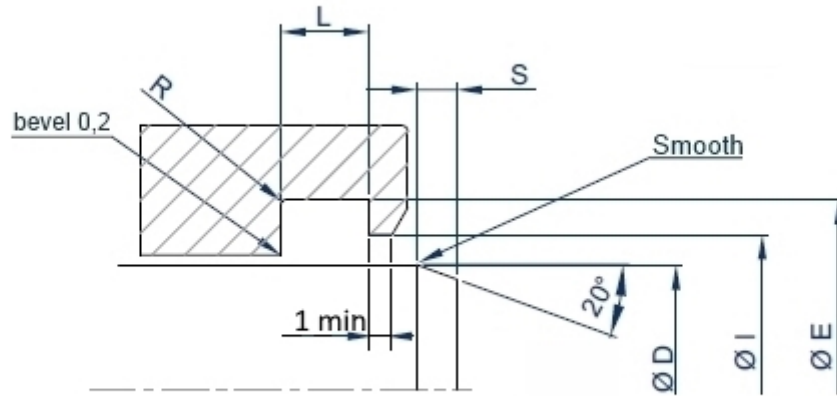


Wipers |Wiper NRS



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



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