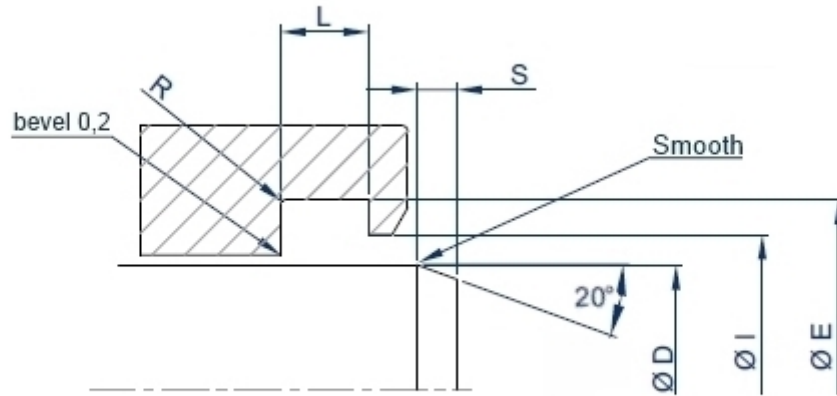


Wipers |Rotowiper NRC



Rotowiper NRC for linear and/or slow rotating movements.

NRC ROTOWIPERS are made up of an element in NEUFLON-ptfe and an O-Ring which is the energizing element.

Speed up to 120 rpm with a max. of 0.6 m/sec for the peripheral speed and 5m/sec for the linear movements

They are installed in the very same grooves of the NRC Wipers<

APPLICATIONS

Hydraulics, pneumatics, chemical and food processing equipments

Temperature range -60 a + 250°C

CHARACTERISTICS

Minimum dimensions

Closed groove

Very low couple

Protected wiper lip

Ample chemical resistance range



SEAT

Housing class	D Shaft diameter		E groove diameter	I max	L groove width	R max	S min	In closed groove from diameter
	standard range f7	special range f7	H9	H12	H12			
W1	6 - 11,9	5 - 100	D + 4,8	D + 1,5	3,7	0,3	1.4	20
W2	12 - 64,9	8 - 250	D + 6,8	D + 1,5	5,0	0,3	2.6	30
W3	65 - 250,9	10 - 450	D + 8,8	D + 1,5	6,0	0,4	3	40
W4	251 - 420,9	15 - 650	D + 12,2	D + 2,0	8,4	0,5	7	60
W5	421 - 650	120 - 1100	D + 16	D + 2,5	11,0	0,6	10	120

Coding example

profile code NRC
rod 100
housing class W3
materials: Neuflon 031 O-Ring NBR

Rotowiper NRC 100 W3 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. Login required.

PTFE COMPOUNDS

HD Slippers code	Composition	Approvals	ΔT °C	Description
N-009	Ptfe-oxides		-268 +260	All pourpose on soft surfaces
N-032	Ptfe-carbon		-268 +260	High wear resistance, pneumatic and hydraulic seals
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-033	Ptfe-glass fibre-MoS ₂		-268 +260	Of general use, in lubricated applications, rotary seals
N-060	Ptfe-glass fibre	FDA	-268 +260	All pourpose 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 on soft surfaces
N-088	Ptfe-poliimide		-268 +260	High wear resistance. Soft surfaces
N-074	PEHMW	FDA	-140 +80	High wear and extrusion resistance

CHOOSING Neuflon-ptfe compound ACCORDING WITH FLUID AND SURFACE

FLUIDS	SURFACES			
	Steel HEC>=30-45 Temp. Mart. Inox Steel Cast Iron HRB<=200 Steel HRC>=45 Cast Iron HRB>200	Galvanic or chemical surfacing HV>=700 Chromium Bronze	Treated Aluminium	Aust. Inox Steel Glass
	NEUFLON-ptfe compounds (standard in bold)			
Hydraulic oil Transmission oil Fire resistant syntetic hydraulic oil	N-031 N-032 N-060 N-077 P95-G114	N-031 N-032 N-060 N-077 P95-G114	N-032 N-074 P95-G114	N-009 N-032 N-074 P95-G114
Water and oil/water emulsions	N-032 N-060 N-077 N-074	N-032 N-060 N-077 N-074	N-032 N-074	N-009 N-032 N-074
Drugs and food	N-102 N-043 N-060 N-074 N-088 P95-G114	N-009 N-074 P95-G114	N-009 N-074 P95-G114	N-009 N-074 P95-G114
Air	N-032 N-031 N-043 N-074 P95-G114	N-032 N-043 P95-G114	N-032 N-074 P95-G114	N-032 N-009 N-043 N-074 P95-G114
Steam	N-032 N-043	N-032		N-032 N-009 N-043
Acids and Bases	N-032 N-074	N-032 N-043 N-074		N-009 N-032 N-043 N-074