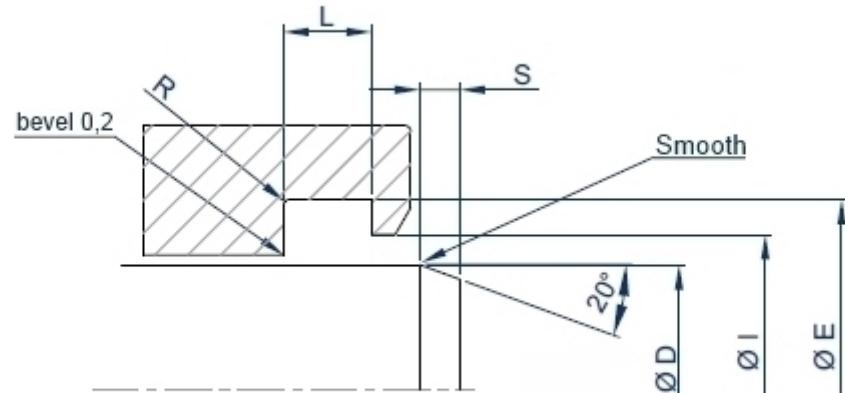


## Wipers |Wiper NRW



### **NRW rod wiper heavy series**

The particular 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.

#### **CHARACTERISTICS**

Complement to the rod seal  
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.  
Protection of the cylinder rods in industrial equipments



## SEAT

Class	D Rod Diameter	E Groove	I max	L Groove width	R max	S min	In closed groove from mm
	suggested f7	possible f7	H9	H12	H12		
W1	19 - 39,9	15 -70	D + 7,6	D + 1,5	4,2	0,3	1,4
W2	40 - 69,9	30 - 140	D + 8,8	D + 1,5	6,3	0,3	2,6
W3	70 - 139,9	50 - 400	D + 12,2	D + 1,5	8,1	0,4	3
W4	140 - 399,9	100 - 500	D + 16	D + 2,0	9,5	0,5	7
W5	400 - 649,9	250 - 650	D + 24	D + 2,5	14,0	0,6	10
W6	650 - 1200	500 - 1200	D + 27,3	D + 2,5	16 ,0	0,8	17

### Coding Example

profile code: NRW

stelo 50

housing class W2

materials: Neuflon-031 O-Ring NBR

Wiper NRW 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 withstandng.
N-009	Ptfe-oxides	FDA	-268 +260	All purpose on soft surfaces
N-031	Ptfe-bronze		-268 +260	High wear resistance, hidraulic 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 <sub>2</sub>		-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-poliamide		-268 +260	High wear resistance. Soft surfaces
N-074	PEHMW	FDA	-140 +80	High wear and extrusion resistance
P95-A112	Polyurethane		-30 +105	Extrusion withstandng, low friction coefficient
P95-G114	Polyurethane	FDA	-30 +105	Extrusion withstandng, 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