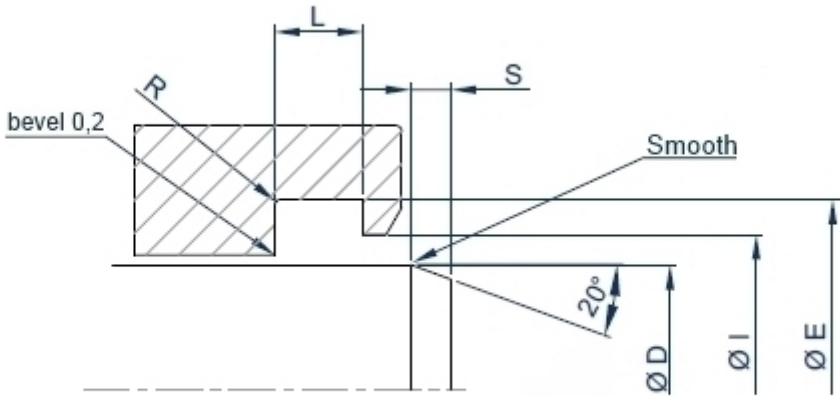


Wipers |Wiper MRS



MRS Space Saving Wipers

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. Appliance: Protection of the cylinder rods of industrial equipments

CHARACTERISTICS	APPLICATIONS
Complement to the rod seal	Hydraulics and pneumatics
Closed groove	Linear movements
Low friction	linear speed up to 5 m/sec
Protected wiper lip	T da -60 a + 250°C
High temperature resistance.	



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			
M1	20 - 39,9	6 -130	D + 7,6	D + 1	4,2	0,4	3	20
M2	40 - 69,9	35 - 250	D + 8,8	D + 1,5	6,3	1	3	40
M3	70 - 139,9	40 - 450	D + 12,2	D + 1,5	8,1	2	4	50
M4	140 - 399,9	100 - 1200	D + 16	D + 1,8	11,5	2	6	100
M5	400 - 1500	200 - 1500	D + 24	D + 2,5	15,5	2	8	200

Coding example	
profile code MRS rod 80 housing class M3 materials: Neuflon 031 O-Ring NBR	Wiper MRS 080 M3 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 pourpose, low friction coefficient, extrusion withstanding.
N-009	Ptfe-oxides	FDA	-268 +260	All pourpose 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 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, 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