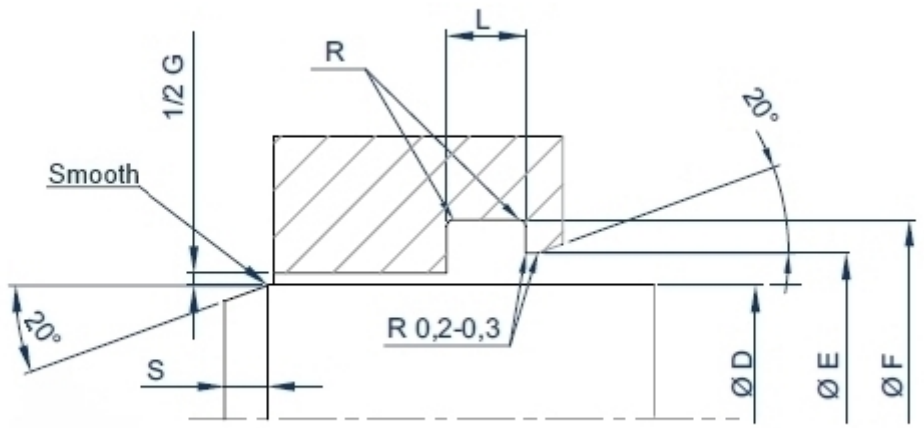
Wipers |Enerwiper rod wiper



Enerwiper energized rod wipers made up of a wiping element in Neuflon-ptfe or PU or UHMW-PE, and an inox energizing spring.
Thespecial profile and the choice of materials make an extremely reliable component for completely preventing penetration of solid or liquid contaminants in the mechanical organs.
Long term maintenance of the pre-load.
Closed groove
Low friction
Protected wiping lip
Great chemical resistance

APPLICATIONS

Hydraulics and pneumatics
Food and drugs (optional **EU-FDA approved silicone filling**) Optional MOCA certification
Linear speed up to 5 m/sec and slow rotating movements
T range -200 +260°C

Spring Energized Seals Homepage

SEAT

Housing Class	D rod	F groove	L axial width	E ritegno	R max.	S min.
	f7	H9	H12	H12		
G	3 - 20	D + 2.9	2.4	D + 1,9	0,3	2,5
L	15 - 240	D + 4.5	3.6	D + 3,1	0,4	2,5
H	25 - 400	D + 6,2	4,8	D + 4,2	0,6	3
N	45 - 650	D + 9,4	7,1	D + 6,5	0,8	5,5
M	80 - 1100	D + 12,2	9,5	D + 8,6	0,8	8,5

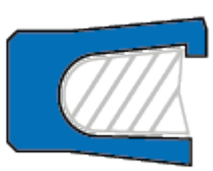
Coding example

housing class N
rod 100
materials: jacket Neuflon 020 spring Aisi 302

Enerwiper N 100 N-020 302

ASSEMBLY

Enerwiper spring energized wipers are suitable for assembling in closed groove starting from a minimum rod diameter according with dimensional class

Enerwiper rod wiper	dimensional class	Min. rod diameter
	G	30
	L	70
	H	110
	N	300
	M	500
	R	800

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

RESERVED AREA
Click compound's code to download the .PDF data sheet

HD Slippers code	Composition	Color	Approvals	ΔT °C	Description
N-009	Ptfe-oxides	blue		-268 +260	All pourpose on soft surfaces
N-095	Tfm	white	**FDA**	-268 +260	Low creep, better strength.
N-031	Ptfe-bronze	green-blue		-268 +260	High wear resistance, hidraulic seals
N-032	Ptfe-carbon	black		-268 +260	High wear resistance, pneumatic and hydraulic seals
N-197	Ptfe-carbographite	black	**NORSOK**	-268 +260	High wear resistance, hydraulic and pneumatic seals
N-043	Ptfe-graphite	black	**FDA**	-268 +260	High wear resistance, low friction coefficient.
N-060	Ptfe-glass fibre	blue	**FDA**	-268 +260	All pourpose on hard surfaces
N-067	Ptfe-glass fibre	white	**FDA NORSOK**	-268 +260	High wear and creep resistance
N-033	Ptfe-glass fibre MoS2	gray	**FDA**	-268 +260	Fit for hard surfaces
N-103	Ptfe-Carbon fibre	black		-268 +260	Fit for hard surfaces
N-102	Ptfe-Liquid crystal polymer	beige	**FDA - EU**	-268 +260	Food & Pharma, fit for soft surfaces
N-088	Ptfe-polyimide	yellow		-268 +260	Fit for soft surfaces
N-074	PEHMW	white	**FDA**	-140 +80	High wear and extrusion resistance
N-155	PVDF	white	**FDA**	-30 +140	High modulus
P95-A252	Polyurethane	blue	**FDA**	-50 +105	Extrusion and wear withstanding, low friction coefficient
P95-VI251	Polyurethane	violet	**FDA**	-30 +115	CIP (clean in place) fluids compatible
P95-R198	Polyurethane	red		-30 +125	Extrusion and wear withstanding, low friction coefficient, high temperatures
P95-AR255	Polyurethane	orange		-30 +135	Extrusion and wear withstanding, low friction coefficient, higher temperatures
P95-G253	Polyurethane MoS	gray		-30 +105	Extrusion and wear withstanding, lower friction coefficient

CHOOSING Neuflon-ptfe compound ACCORDING WITH FLUID AND SURFACE

	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	Bronze Brass	Treated Aluminium	Aust. Inox Steel Glass
FLUIDS	**NEUFLON-ptfe compounds (standard in bold)**				
Hydraulic oil Transmission oil Fire resistant syntetic hydraulic oil	**N-031** N-032 N-060 P95-A112	**N-031** N-032 N-060 P95-A112	**N-009** N-043 N-032 P95-A112	**N-032** N-074 P95-A112	**N-009** N-032 N-074 P95-A112
Water and oil/water emulsions	**N-032** N-060 N-074	**N-032** N-060 N-074	**N-009** N-043 N-074	**N-032** N-074	**N-009** N-032 N-074
Drugs and food	**N-074** N-102 N-043 N-060 N-095 P95-B113	**N-009** N-074 P95-B113	**N-102** N-009 P95-B113	**N-009** N-074 P95-B113	**N-009** N-074 P95-B113

Air	**N-032** N-031 N-043 N-074 P95-A112	**N-032** N-043 P95-A112	**N-032** N-009 N-043 N-074 P95-A112	**N-032** N-074 P95-A112	**N-032** N-009 N-043 N-074 P95-A112
Steam	**N-032** N-043	**N-032**	**N-009** N-032 N-043		**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