



Materials |Neuflon PTFE and Polyurethanes

ptfe and polyurethanes for rotary seals, energized and composite seals and lip seals
Click Compound's Code to download the PDF data sheet. Registration is required.

HD Slippers code	Composition	Color	Approvals	ΔT °C	Description
N-020	Virgin PTFE	white	FDA	-200 +260	All pourpose, low friction coefficient, extrusion withstanding.
N-009	Ptfe-oxides	blue	FDA	-200 +260	All pourpose on soft surfaces
N-095	Tfm	white		-200 +260	Low creep, better strength.
N-031	Ptfe-bronze	green-blue		-200 +260	High wear resistance, hidraulic seals
N-032	Ptfe-carbon	black		-200 +260	High wear resistance, pneumatic and hydraulic seals
N-059	Ptfe-carbographite	black		-200 +260	High wear resistance, hydraulic and pneumatic seals, hard surfaces
N-043	Ptfe-graphite	black	FDA	-200 +260	High wear resistance, low friction coefficient.
N-103	Ptfe-carbon fibre	gray	FDA	-200 +260	High wear resistance, low friction coefficient, hard surfaces.
N-077	Ptfe-glass fibre-MoS ₂	gray	FDA	-200 +260	Of general use, in lubricated applications, rotary seals
N-277	Ptfe-mineral filler + Lubricants	blue-gray	FDA-EU-KTW	-200 +260	Of general use, hydraulics and pneumatics
N-060	Ptfe-glass fibre	blue		-200 +260	All pourpose on hard surfaces
N-279	Ptfe-glass fibre	light pink	FDA - EU	-200 + 260	Food & Pharma on hard surfaces
N-102	Ptfe-Liquid crystal polymer	beige		-200 +260	Food & Pharma on soft surfaces
N-088	Ptfe-poliimmide	yellow	FDA	-200 +260	High wear resistance. Soft surfaces
N-148	PEEK	beige	FDA	-60 +250	High modulus, high temperatures
N-074	PEHMW		FDA	-140 +80	High wear and extrusion resistance
N-155	PVDF	white	FDA	-30 +140	High modulus, chemical resitence
N-136	POM		FDA	-40 +110	High modulus material, backup rings, guide rings
N-138	Poliammide	black	FDA	-40 +110	High modulus material, backup rings, guide rings, ice scraper
P90-V258	Polyurethane	green		-30 +115	Pneumatic applications
P95-A252	Polyurethane	blue		-50 +105	Extrusion and wear withstanding, low friction coefficient
P95-VI251	Polyurethane	violet		-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	grenade		-30 +105	Extrusion and wear withstanding, lower friction coefficient
P57-A260	Hard Polyurethane	blue		-30 +125	Extrusion and wear withstanding
P95-G261	Hard	gray		-30 +125	Extrusion and wear withstanding, lower friction



Polyurethane MoS		coefficient
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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	Bronze Brass	Treated Aluminium	Aust. Inox Steel Glass
NEUFロン-PTFE Compounds (standard in bold)					
Hydraulic oil Transmission oil Fire resistant syntetic hydraulic oil	N-031 N-032 N-060 N-077 P95-A112	N-031 N-032 N-060 N-077 P95-A112	N-009 N-043 N-032 P95-A112	N-032 N-074 P95-A112	N-009 N-032 N-074 N-121 P95-A112
Water and oil/water emulsions	N-032 N-060 N-077 N-074	N-032 N-060 N-077 N-074	N-009 N-043 N-074	N-032 N-074	N-009 N-032 N-074
Drugs and food	N-125 N-102 N-020 N-043 N-060 N-074 N-088 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-059 N-144	N-032 N-043 N-074			N-009 N-032 N-043 N-074

APPLICATION / NEUFロン-PTFE COMPOUND	
ENERSEAL	N-009 N-031 N-032 N-101 N-043 N-060 N-074 N-121
ROTOENERSEAL	N-009 N-101 N-032 N-043 N-060 N-077 N-074 N-121
BACKUP	N-009 N-020 N-032 N-060 N-067
WEAR RING	N-071 N-032 N-074
WIPER NRS	N-031 N-032 N-043 N-060 N-009 N-074 P95-A112 P95-B113
ICE SCRAPER	N-138 N-136
ROTOLIP	N-077 N-101 N-121
ROTOSLIPPER	N-077 N-032 N-060 N-031 N-121
SLIPPER	N-031 N-032 N-043 N-060 N-009 N074 P95-A112 P95-B113

ENERSEAL ENERGIZED SEALS and SLIPPER, SPRING AND ELASTOMER ACCORDING WITH FLUID		
FLUIDS	ELASTOMERS	SPRING
HYDRAULIC OIL - TRANSMISSION OIL	NBR	AISI 302
FIRE RESISTANT SYNTETIC HYDRAULIC OIL	EPDM	AISI 302
WATER AND WATER/OIL EMULSIONS	NBR	AISI 302
FOOD AND DRUG	MVQ	AISI 302



AIR	NBR	AISI 302
STEAM	EPDM - FFKM	AISI 302
ACIDS AND BASES	FKM - FFKM	ELGILOY