



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 purpose, low friction coefficient, extrusion withstanding.
N-009	Ptfe-oxides	blue		-200 +260	All purpose on soft surfaces
N-095	Tfm	white	FDA	-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	black	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		-200 +260	Of general use, hydraulics and pneumatics
N-060	Ptfe-glass fibre	blue	FDA	-200 +260	All purpose on hard surfaces
N-279	Ptfe-glass fibre	light pink	FDA-EU-KTW	-200 + 260	Food & Pharma on hard surfaces
N-102	Ptfe-Liquid crystal polymer	beige	FDA - EU	-200 +260	Food & Pharma on soft surfaces
N-088	Ptfe-poliimide	yellow	FDA	-200 +260	High wear resistance. Soft surfaces
N-148	PEEK	beige	FDA	-60 +250	High modulus, high temperatures
N-074	PEHMW	white	FDA	-140 +80	High wear and extrusion resistance
N-155	PVDF	white	FDA	-30 +140	High modulus, chemical resitence
N-136	POM	white	FDA	-40 +110	High modulus material, backup rings, guide rings
N-138	Poliamide	black		-40 +110	High modulus material, backup rings, guide rings, ice scraper
P90-V258	Polyurethane	green		-30 +115	Pneumatic applications
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
P57-A260	Hard Polyurethane	blue	FDA-EU	-30 +125	Extrusion and wear withstanding
P95-G261	Hard	gray		-30 +125	Extrusion and wear withstanding, lower friction



Polyurethane MoS

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 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 / NEUFLON 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