

P/N	OD	Tol
P4R0.125	0.125	.+.002,-0
P4R0.156	0.156	.+.002,-0
P4R0.187	0.187	.+.002,-0
P4R0.250	0.250	.+.002,-0
P4R0.312	0.312	.+.002,-0
P4R0.375	0.375	.+.002,-0
P4R0.437	0.437	.+.002,-0
P4R0.500	0.500	.+.002,-0
P4R0.625	0.625	.+.002,-0
P4R0.750	0.750	.+.002,-0
P4R0.875	0.875	.+.002,-0
P4R1.000	1.000	.+.002,-0
P4R1.250	1.250	.+.005,-0
P4R1.500	1.500	.+.005,-0
P4R2.000	2.000	.+.005,-0
P4R2.500	2.500	.+.020

Physical Property	ASTM TEST METHOD	Units	Values
Upper Service Temp.			-320F TO 500 F -195 C TO 260 C
Specific Gravity	D792		2.15
Water Absorption	D570(2)	%	<0.30
Tensile Strength	D638	PSI	3,600
Elongation at Break	D638	%	300-400
Flex Modulus	D790	PSI	100,000
Hardness	D2240 SHORE D		55-60

Notes: Additional rod sizes and resins are available. For pricing and lead-time please contact customer service with dimensions, lengths and quantities.

NEOFLOLON® is a product of Daikin.
Teflon™ is a product of Chemours.

Perfluoroalkoxy Rods

Perfluoroalkoxy (PFA) is preferred when extended service involving chemical, thermal and mechanical stress is required. PFA offers high melt strength, excellent stress crack resistance, has a high resistance to creep, and retains much of its properties even at elevated temperatures.

Features

- Wide temperature range
- Chemically inert to nearly all industrial chemicals and solvents
- High thermal stability
- Low permeability
- Moisture absorption nearly zero
- FDA compliant for food contact
- Non-flammable
- Low coefficient of friction

Applications

- Chemical process
- Semiconductor
- Electrical
- Food processing
- Medical technologies
- Energy
- Valve seats
- Seals

Specifications

- **Temperature:** -320 F TO 500 F / -195 C TO 260 C
- **Resin:** 100% Virgin High Performance PFA resins
- **Resin Certifications:** ASTM D 3307 Type II, FDA 21CFR.177.1550
- **Standard Lengths:** 6 FT / 12 FT