

P/N	OD	Tol
HLR0.125	0.125	.+.002,-0
HLR0.187	0.187	.+.002,-0
HLR0.250	0.250	.+.002,-0
HLR0.375	0.375	.+.002,-0
HLR0.500	0.500	.+.002,-0
HLR0.625	0.625	.+.002,-0
HLR0.750	0.750	.+.002,-0

Physical Property	ASTM TEST METHOD	Units	Values
Upper Service Temp.			-105 F TO 302 F -80 C TO 150 C
Specific Gravity	D792		1.68
Water Absorption	D570(2)	%	<1.00
Tensile Strength	D638	PSI	8,000
Elongation at Break	D638	%	250
Flex Modulus	D790	PSI	240,038
Hardness	D2240 SHORE D		75

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

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Ethylene-Chlorotrifluoroethylene Rods

Ethylene-Chlorotrifluoroethylene (ECTFE) is a high-performance fluoropolymer with outstanding abrasion resistance and resistance to aggressive chemicals with relatively low permeation. It is a stronger and stiffer material than FEP and PFA and is more dimensionally stable.

Features

- High purity
- UV resistant
- Smooth surface finish
- Excellent chemical resistance
- High Impact resistance

Applications

- Chemical Handling
- Machined components
- Process tanks, components
- Bushings / Bearings
- Wet process tool applications
- Guide Blocks

Specifications

- **Temperature:** -105 F TO 302 F / -80 C TO 150 C
- **Resin:** 100% Virgin Solvay Halar® 901 ECTFE
- **Standard Lengths:** 6 FT / 12 FT
- **Certification:** ASTM D 3275