



# HSM Wire International, Inc

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www.hsmwire.com

## Fluorinated Ethylene Propylene (FEP), Molded/Extruded

Physical Properties	Metric	English
Bulk Density	0.530 - 1.20 g/cc	0.0191 - 0.0434 lb/in <sup>3</sup>
Density	1.30 - 2.17 g/cc	0.0470 - 0.0784 lb/in <sup>3</sup>
Solids Content	23.0 - 50.0 %	23.0 - 50.0 %
Water Absorption	0.0100%	0.0100%
Oxygen Transmission	1/50e - 7 cc-mm/m <sup>2</sup> - 24hr - atm	3.81e - 7 cc-mm/m <sup>2</sup> - 24hr - atm
Nitrogen Transmission	9.00e - 7 cc-mm/m <sup>2</sup> - 24hr - atm	.00000229 - 7 cc-mm/m <sup>2</sup> - 24hr - atm
Viscosity	0.0100 - 4.00e+7 cP	0.0100 - 4.00e+7 cP
Thickness	12.7 - 5000 microns	0.500 - 197 mil
Linear Mold Shrinkage	0.0300 - 0.0600 cm/cm	0.0300 - 0.0600 in/in
Melt Flow	0.800 - 37.0 g/10 min	0.800 - 37.0 g/10 min
Deformation	3.00 - 5.00 %	3.00 - 5.00 %

Some of the values displayed may have been converted from their original units and/or rounded in order to display the information in a consistent format.

\*To be used as a guideline only

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