

Category	Material	Features	Capabilities	Configurations	Fillers	Sterilization	Enhancements	
			<b>KEY:</b> <span style="color: green;">■</span> 2-10 Lumens <span style="color: orange;">●</span> Custom Heat Shrink Sizes	<b>KEY:</b> <span style="color: purple;">■</span> Beading/Custom Profiles <span style="color: orange;">●</span> Multi-Lumen <span style="color: red;">◆</span> Bump <span style="color: blue;">▲</span> Heat Shrink <span style="color: green;">✖</span> Splittable	<b>KEY:</b> <span style="color: purple;">■</span> Bismuth Trioxide <span style="color: orange;">●</span> Barium Sulfate <span style="color: blue;">▲</span> Titanium Dioxide <span style="color: green;">▼</span> Bismuth Subcarbonate <span style="color: red;">◆</span> Tungsten <span style="color: green;">✖</span> Custom Colors	<b>KEY:</b> <span style="color: purple;">■</span> EtO <span style="color: orange;">●</span> Steam/Autoclave <span style="color: red;">◆</span> Gamma <span style="color: blue;">▲</span> E-Beam	<b>KEY:</b> <span style="color: purple;">■</span> Notching/Drilling <span style="color: orange;">●</span> Flaring/Flanging/Tipping <span style="color: red;">◆</span> Etching <span style="color: blue;">▲</span> Printing <span style="color: green;">✖</span> Braiding	
PTFE	Polytetrafluoroethylene (PTFE)	Chemically Inert; High Temp Resistance Outstanding Dielectric Properties; Excellent Surface Lubricity	OD up to 0.4"; Walls down to .0012" 2-6 Lumens <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: green;">▼</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	
Melt Fluoropolymers	Fluorinated Ethylene Propylene (FEP)	Chemical Resistance; Melt-Processable; Good Dielectric Properties; Good Surface Lubricity	OD up to 0.4"; Wall down to .0015" <span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	
	Ethylene Tetrafluoroethylene (ETFE)	Chemical Resistance; Melt-Processable; Good Dielectric Properties; Aging-Resistant	OD up to 0.4"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	
	Ethylene Fluorinated Ethylene Propylene (EFEP)	Chemical Resistance; Adherence to Polymers Without Etching; Very High Transparency	OD up to 0.4"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>
	Perfluoroalkoxy (PFA)	Chemical Resistance; Melt-Processable; High Purity; Good Stiffness	OD up to 0.4"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>
	Polyvinylidene Fluoride (PVDF)	Chemical Resistance; Easily Melt-Processable; High Purity	OD up to 0.4"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>
	Polychlorotrifluoroethylene (PCTFE)	Chemical Resistance; Good Temp Resistance; Melt-Processable; Excellent Stiffness	OD up to 0.4"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>
	Ethylene Chlorotrifluoroethylene (ECTFE)	Chemical Resistance; Melt-Processable; Good Dielectric Properties; Good Surface Lubricity	OD up to 0.4"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>
Polyolefins	High-Density Polyethylene (HDPE)	Good Chemical Resistance; Melt-Processable; Semi-Rigid	OD up to 0.75"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	
	Medium-Density Polyethylene (MDPE)	Good Chemical Resistance; Melt-Processable; Semi-Rigid	OD up to 0.75"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	
	Low-Density Polyethylene (LDPE)	Good Chemical Resistance; Melt-Processable; Light Weight/Low Density; Flexible	OD up to 0.5"; Wall down to .0015" <span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	
	Linear Low-Density Polyethylene (LLDPE)	Good Chemical Resistance; Melt-Processable; Good Tensile Strength; Very Flexible	OD up to 0.5"; Wall down to .0015" <span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	
	Polypropylene (PP)	Good Chemical Resistance; Easily Processable; Low Cost; Flexible	OD up to 0.5"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	
Thermoplastic Elastomers (TPEs)	Hytrel	Good Chemical Resistance; High Thermal Resistance; Flexible; Light Weight	OD up to 0.5"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: green;">✖</span> <span style="color: blue;">▲</span>	
	Arnitel	Excellent UV Stability; High Thermal Resistance; Good Kink Resistance; Range of Durometers	OD up to 0.5"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: green;">✖</span> <span style="color: blue;">▲</span>	
	Kraton	Good Chemical Resistance; Good Thermal Resistance; Melt-Processable; Flexible	OD up to 0.5"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: green;">✖</span> <span style="color: blue;">▲</span>	
Thermoplastic Polyurethanes (TPUs)	Tecoflex	Good Chemical Resistance; Range of Durometers; Flexible; Good UV Stability	OD up to 0.75"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: green;">✖</span> <span style="color: blue;">▲</span>	
	Tecothane	Good Chemical Resistance; Range of Durometers; Flexible	OD up to 0.75"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: green;">✖</span> <span style="color: blue;">▲</span>	
	Texin	High Tensile and Tear Strength; Excellent Cold Temp Flexibility; Excellent Adhesion to Various Substrates	OD up to 0.75"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: green;">✖</span> <span style="color: blue;">▲</span>	
	Pellethane	Excellent Low Temp Properties; Resistance to Attack by Microorganisms; Low Extractables	OD up to 0.75"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: green;">✖</span> <span style="color: blue;">▲</span>	
	Estane	Outstanding Abrasion/Wear Resistance; Excellent Low Temp Flexibility; Printability with No Adhesion Promoter	OD up to 0.75"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: green;">✖</span> <span style="color: blue;">▲</span>	
Polyamides	Polyether Block Amides (Pebax)	Durable; Melt-Processable; Range of Durometers; Kink-Resistant	OD up to 0.5"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: green;">✖</span>	
	Nylon 6,11,12	Good Chemical Resistance; High Thermal Resistance; Kink-Resistant; Low Density	OD up to 0.5"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	
Other	Polycarbonate (PC)	Optical Clarity; Melt-Processable; Rigid	OD up to 0.5"; Wall down to .0015" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span>	
	Polyether Ether Ketone (PEEK)	Good Chemical Resistance; High Thermal Resistance; Good Impact Strength	OD up to 0.5"; Wall down to .003" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span> <span style="color: blue;">▲</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	
	Polyetherimide (PEI) ULTEM	Good Chemical Resistance; Good Thermal Resistance; Low Cost	OD up to 0.5"; Wall down to .003" <span style="color: purple;">■</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: blue;">▲</span> <span style="color: red;">◆</span> <span style="color: green;">✖</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span> <span style="color: red;">◆</span>	<span style="color: purple;">■</span> <span style="color: orange;">●</span>	