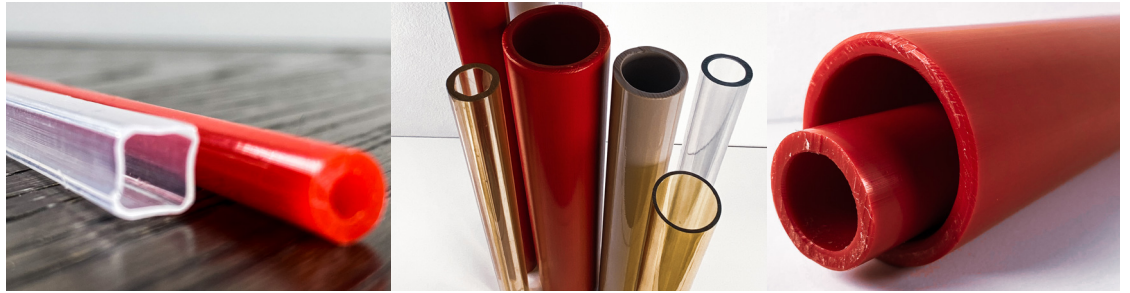


Coretec™ PEEK (Polyetheretherketone) Application Guide



Superior Performance PEEK Coretec™ Tubing

Our customers around the globe prefer Coretec™ PEEK (Polyetheretherketone) tubing because it is a high performing and lightweight alternative to stainless steel. PEEK material is an engineered polymer with an extremely broad range of uses. PEEK can be extruded into high temperature and high strength tubing which can be found in multiple industries including:

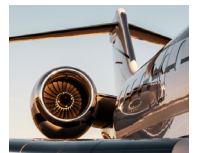
- Aerospace & defense
- Automotive
- Fiber optics
- Fluid management
- Food & beverage
- High performance liquid chromatography (HPLC)
- Medical & laboratory
- Oil & gas
- Semiconductor

Coretec PEEK tube exhibits strength, durability and chemical resistance that are compatible with a wide range of applications such as:

- Catheters & liners
- Instrumentation
- Lightweight replacement for metal
- Pump & valve components
- Wire harness, cable wrap & spiral wrap

Additional benefits of Coretec PEEK tubing include:

- Easily customizable
- Extensive range of sizes
- High quality production with extremely tight tolerances
- Multiple colors



PEEK Key Properties

- Abrasion resistance
- Biocompatibility
- Continuous service temperature of 480°
- Excellent chemical resistance
- Flame resistance (UL 94 V-0 rating)
- High purity & dimensionally stable
- High burst pressure
- Impact & wear resistance
- Structural strength
- Sterilizable
- Torsional stability

Regulatory Information

- FDA Compliant
- NSF Approvable
- ROHS Compliant
- UL Rated
- USP Class VI

PEEK Coretec Bushing Stock					
ID (Inner Diameter)		OD (Outer Diameter)		Length	
Inches	Millimeter	Inches	Millimeter	Feet	Meter
0.25"	6.35	0.375"	9.525	4'	1.22
0.25"	6.35	0.5"	12.7	4'	1.22
0.25"	6.35	0.75"	19.05	4'	1.22
0.5"	12.7	1"	25.4	4'	1.22
1"	25.4	1.5"	38.1	4'	1.22
1"	25.4	2"	50.8	4'	1.22

PEEK Coretec Tube					
ID (Inner Diameter)		Wall		Length	
Inches	Millimeter	Inches	Millimeter	Feet	Meter
0.0394"	1	0.0197"	0.5	COILS	
0.0394"	1	0.0394"	1	COILS	
0.0787"	2	0.0197"	0.5	COILS	
0.0787"	2	0.0394"	1	5'	1.524
0.0787"	2	0.0787"	2	5'	1.524
0.118"	3	0.0394"	1	5'	1.524
0.118"	3	0.059"	1.5	5'	1.524
0.157"	4	0.0394"	1	5'	1.524

info@argotec.com
argotec.com

ARG_PKAG_V01_20240508

Copyright ©Mativ Holdings, Inc. (2024). All Rights Reserved. ARGOTEC™ is trademarks of Mativ Holdings, Inc. ("Mativ") or an affiliated company of Mativ.

All statements, product characteristics, and performance data contained herein are believed to be reliable based on observation and testing, but no representations, guarantees, or warranties of any kind are made as to accuracy, suitability for particular applications, or the results to be obtained. Nothing contained herein is to be considered to be permission or a recommendation to use any proprietary process or technology without permission of the owner. No warranty of any kind, expressed or implied, is made or intended.