BH-MT-PEEK

Medical grade PEEK (Polyether Ether Ketone) tubing

Features/Applications:

BH-MT-PEEK refers to a linear thermoplastic polymer whose macromolecular main chain is composed of aryl groups, ketone bonds and ether bonds. PEEK tubing has excellent properties such as high tensile strength, high heat resistance, high chemical resistance, high buckling resistance, good push ability and radiopacity. It can be used in series of flexible endoscopes for digestive tract, respiratory tract, biliary tract, urinary tract, etc.



- High precision with exceptional dimensional accuracy;
- Combines hardness with toughness;
- High crystallinity and better thermal stability;
- Tensile Strength: Approx. 100 MPa;
- Continuous Use Temperature: 250℃+;
- ISO 10993 and USP Class VI compliant;
- Compatibility with steam, gamma, EtO & E-beam sterilization.
- Standard color: Beige (other options are available on request.)

Typical Applications

- Outer tube for EUS biopsy needles
- Outer tube for biopsy forceps
- Stent delivery system
- .Electrocautery forceps
- .Ultrasonic surgical instruments
- .Laparoscopic instruments L
- Outer tube for stone retrieval Occlusion catheter

Product Dimensions

ITEM	INCH	MM
Nominal ID	0.002~0.275	0.5~7.0
ID Tolerance	up to +0.0012 ~0.00315	up to +0.03 ~0.08
Nominal W.T	0.0039 ~ 0.0315	0.1~0.8
W.T Tolerance	up to +0.0006 ~ +0.00079	up to +0.015 ~ +0.02
Standard Cut Length	1.97~98.5	50~2500