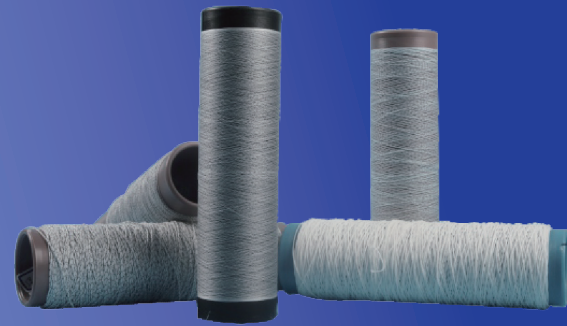


Non Absorbable Suture

Sutures are generally classified into two types: absorbable sutures and non-absorbable sutures. Non-absorbable sutures, such as PET and UHMWPE developed by AccuPath®, show ideal polymer materials for medical devices and manufacturing technology due to their excellent properties in the areas of wire diameter and breaking strength. PET is known for its excellent biocompatibility, while UHMWPE exhibits exceptional tensile strength that can contribute to the areas of orthopedics and sports medicine.



Key Features

- Standard wire diameter
- Round or flat shape
- High breaking strength
- Diverse braiding pattern
- Diverse roughness
- Excellent biocompatibility

Applications

- Surgery
- Plastic surgery
- Orthopedics
- Sports medicine

Technical Data

Unit

Typical Value

Round sutures

Wire Diameter (Ave)

mm

0.070-0.099(6-0); 0.100-0.149(5-0); 0.150-0.199(4-0)
0.200-0.249(3-0); 0.250-0.299(2-0/T); 0.300-0.349(2-0)
0.350-0.399(0); 0.500-0.599(2); 0.700-0.799(5)

Breaking strength(Ave)

≥N

1.08(6-0PET); 2.26(5-0PET); 4.51(4-0PET)
6.47(3-0PET); 9.00(2-0/TPET); 10.00(2-0PET); 14.2(0PET);
25(3-0PE); 35(2-0PE); 50(0PE); 90(2PE); 120(5PE)

Flat sutures

Wire width (Ave)

mm

0.8~1.2(1mm); 1.201~1.599(1.5mm)
1.6~2.5(2mm); 2.6~3.5(3mm); 3.6~4.5(4mm)

Breaking strength(Ave)

≥N

40(1mm PE); 70(1.5mm PE); 120(2mm PE)
220(3mm PE); 370(4mm PE)

Quality Management

AccuPath implements a strict ISO13485 quality management system and builds a standardized 10,000-grade purification workshop to ensure that the products meet the biological requirements of medical devices. At the same time, advanced manufacturing equipment and precision measuring instruments, as well as strict inspection and testing methods, ensure that the quality of the products meets the requirements for the use of high-end medical devices.

Ordering Information

Our experts can guide you in material selection, tubing specifications, and custom-cut lengths to fit your specific Products requirements.