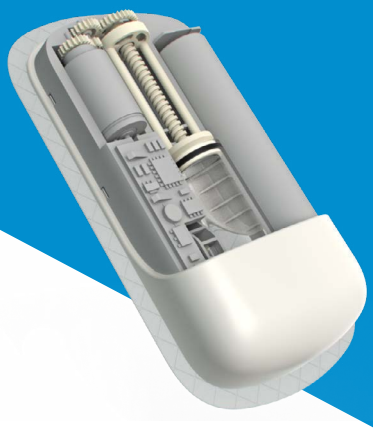


INNOVATING DRUG DELIVERY DEVICES

with Victrex high performance polymers

Innovation in drug delivery devices presents several challenges, in order to bring to market devices that enable

- improved patient compliance
- connected e-devices
- novel drug delivery systems
- smaller, lightweight, ergonomic devices

Victrex is well placed to help address these challenges through high performance polymers. We have 40+ years' experience in delivering polymer solutions in the most extreme environments from aerospace, automotive, electronics, food contact and implantable medical solutions.

Safe in contact with the human body

Masterfile of biocompatibility and clinical evidence, demonstrates no unwanted toxins or gases release when exposed to a wide range of body tissue types

Safe in contact with drugs

Retains performance when in contact with chemical or drug concentrates, and during sterilisation

Lightweight & durable

Lightweight and durable to resist impact, and for continued use over time, even in miniaturised parts under load

Electrical performance

Electrical insulative properties enable outstanding thermal, environmental resistance and mechanical performance for connected devices

Withstands high temperatures

Can be used near parts that generate heat over time

Longevity & performance over time

Low co-efficient of friction provides wear and abrasion resistance to moving components

No moisture absorption

Low moisture absorption (0.05wt%) means components retain dimensions in biological or fluid environments

Easy processing & assembly

Medically compliant and biocompatible grades in a range of colours are easily moulded & can enable parts consolidation via additive manufacturing

Find out how VICTREX™ PEEK polymers can drive innovation in drug delivery device components, visit **victrex.com/drugdelivery**

0 days
VICTREX™ PEEK

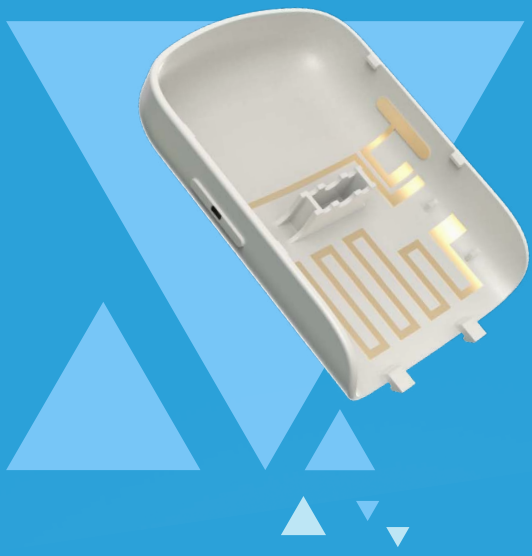
for drug delivery device components that require strength, wear and mechanical properties that will not be implanted

1-30 days
PEEK CLASSIX™

for short term contact with human tissue or implantable drug delivery devices for <30 days

30 days+
PEEK-OPTIMA™

for long-term implantable devices >30 days



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