

PRECISION YOU CAN TRUST

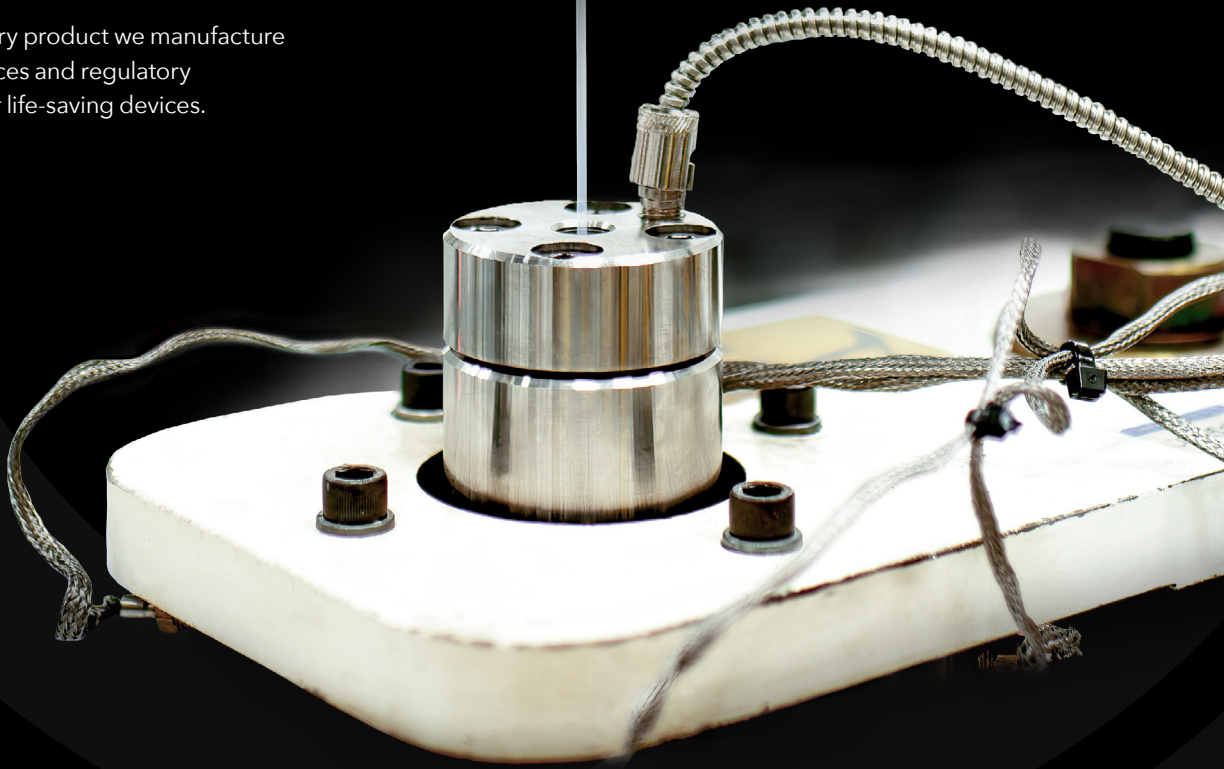
PTFE TUBING & LINERS

At Cordis Manufacturing Solutions, we bring over 60 years of expertise in Class II and III interventional medical device manufacturing to every fluoropolymer tubing solution we deliver.

With advanced extrusion, precision etching, and surface treatment capabilities, we specialize in engineering high-performance PTFE tubing for the most demanding medical applications.

We operate ISO 13485:2016-certified and FDA-registered facilities, supported by on-stream inspections (OSIs), rapid prototyping, and tailored engineering services.

Together, these ensure every product we manufacture meets the exacting tolerances and regulatory requirements necessary for life-saving devices.



MANUFACTURING
SOLUTIONS

ETCHED PTFE LINERS ENABLING STRONG ADHESION

PTFE liners are essential in medical devices like catheters and similar minimally invasive instruments, where smooth, lubricious surfaces are critical. Along with PTFE's excellent lubricity, etched PTFE liners provide strong adhesions to other materials. Both these key features of etched PTFE liners make them ideal for multi-layered medical device components where structural integrity and reliable bonding are essential.



KEY ADVANTAGES



STRONG BONDING

Etched surfaces improve adhesion for durable composite integration.



CUSTOM FIT

Available in various sizes and profiles to meet specific device requirements.



PRECISE MANUFACTURING

Tight tolerances, consistent outcomes, and trusted performance—engineered for demanding medical applications.



RELIABLE QUALITY

Validated at every stage—from in-line monitoring to final inspection using advanced optical and dimensional systems.

CORDIS MANUFACTURING SOLUTIONS TAILORED TO MEET YOUR NEEDS

Cordis Manufacturing Solutions provides a wide variety of tailored and customer etched PTFE liners (and other PTFE components), which can support your development and manufacturing efforts.

Cordis Manufacturing Solutions offers the benefit of precision manufacturing: expertise and quality, delivered at scale.



For more information, please visit us at
www.cordis.com/na/cordis-manufacturing-solutions

PTFE LINERS ≤ 0.070 " ID

DIMENSION	RANGE	TOLERANCE
ID	0.016" - 0.070"	± 0.0005 "
OD	0.018" - 0.073"	± 0.001 "
Individual Wall Thickness	0.0007" - 0.0017"	± 0.0002 "
Concentricity	N/A	0.0003" max

PTFE LINERS > 0.070 " ID ≤ 0.185 " ID

DIMENSION	RANGE	TOLERANCE
ID	0.070" - 0.185"	± 0.0005 "
OD	0.072" - 0.191"	± 0.001 "
Individual Wall Thickness	0.0012" - 0.0030"	± 0.0002 "
Concentricity	N/A	0.0003" max

PTFE LINERS > 0.185 " ID

DIMENSION	RANGE	TOLERANCE
ID	0.185" - 0.315"	± 0.0005 "
OD	0.189" - 0.323"	± 0.001 "
Individual Wall Thickness	0.0020" - 0.0040"	± 0.0002 "
Concentricity	N/A	0.0003" max

