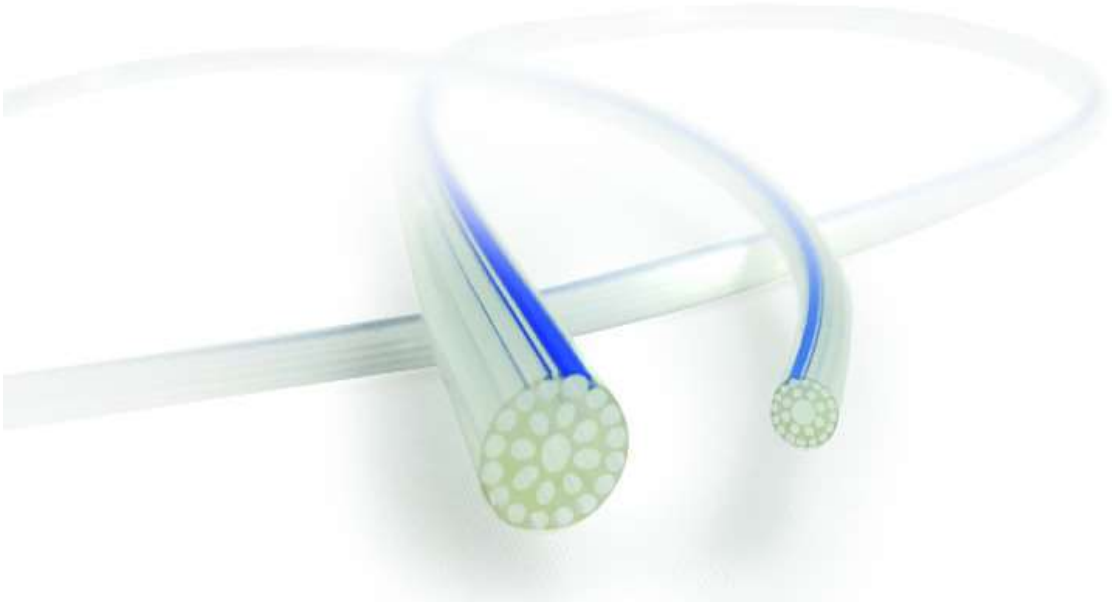
MULTILUMEN TUBING



As an extrusion specialist, we develop and manufacture various extrudates for several special medical applications, in addition to standard tubing. We produce tubing and profiles with up to 12 lumens from almost all common polymer materials. Depending on customer requirements, we configure Multi-lumen tubing for various applications. We tailor the diameter, lumen geometry, material, and lumen count to suit your requirements.

We offer customized designs for multi-lumen tubing and complex multi-lumen profiles.

APPLICATIONS:-

-Tubes for catheters
-Tubes for endoscopes
-drug delivery

KEY FEAUTURES:-

-Achieving maximum flow rates
-Applying different drugs via one access point
-Optional stabilization through the use of guide wires
-Numerous lumens/channels
-Over-molded connectors to separate lumen into individual tubes
-Platinum cured for a high degree of purity
-Extended post cure for lowest level extractable
-Biocompatible, inert, non-reactive with other elements per systemic Testing
-Odorless, tasteless, non-toxic for use in medical, food, drug, personal Care, and deionized water applications
-Non-leaching plasticizers
-Sterilizable by radiation, EtO, steam 0.2 MPa at +122°C / 30 psi at +253°F
-Resist temperature extremes flexibility retention: -53 °C to +226 °C / -65 °F to +440 °F
-Translucent for visual monitoring

Technical Data:-

Physical Properties	Test Method	Units	Typical Values
Specific Gravity	DIN EN ISO 1183-1 A	g/cm3	1.1
Hardness, Shore A	D2240	SHORE A	60±5
Tensile strength psi(Mpa)	D412	MPA	8.3
Elongation (%)	D412	%	720
Tear Resistance, Die B lbf./in. (KN/m)	D624	KN/M	35.1
Tensile Modulus @100%psi(Mpa)	D412	MPA	1.7
Temperature Rating	-	°C	-40 TO 220
Compression set 22h@175°C	ASTM D395 method B	%	31