

E X C E L O N

# Micro-Line

## Translucent Mini-Bore Tubing



### Physical Properties\*\*

Hardness, Shore A  
Tensile Strength, psi  
Elongation at Break, %  
Brittle Temperature, °F  
Low Temperature Flex, °F  
Max. Operating Temp., °F

MICRO-LINE  
90  
2700  
690  
-159  
-29  
250

\*\* Values listed are typical and are meant only as a guide to aid in design.  
Field testing should be performed to find the actual values for your application.

### MICRO-LINE

| ID<br>MM | ID<br>IN. | OD<br>MM | OD<br>IN. | WALL<br>MM | WALL<br>IN. | LENGTH     | ITEM<br>NO. |
|----------|-----------|----------|-----------|------------|-------------|------------|-------------|
| 0.51     | 0.02      | 1.52     | 0.06      | 0.51       | 0.02        | 100' spool | 1850        |
| 0.51     | 0.02      | 1.52     | 0.06      | 0.51       | 0.02        | 100' coil  | 18750       |
| 0.76     | 0.03      | 2.29     | 0.09      | 0.76       | 0.03        | 100' spool | 1860        |
| 0.76     | 0.03      | 2.29     | 0.09      | 0.76       | 0.03        | 100' coil  | 18760       |
| 1.02     | 0.04      | 1.78     | 0.07      | 0.38       | 0.015       | 100' spool | 18160       |
| 1.02     | 0.04      | 1.78     | 0.07      | 0.38       | 0.015       | 100' coil  | 187160      |
| 1.27     | 0.05      | 2.29     | 0.09      | 0.51       | 0.02        | 100' spool | 18200       |
| 1.59     | 0.063     | 3.18     | 0.125     | 0.79       | 0.031       | 100' spool | 1861        |
| 1.59     | 0.063     | 3.18     | 0.125     | 0.79       | 0.031       | 100' coil  | 18761       |

Product samples are available upon request.



All five sizes of Excelon Micro-Line tubing comes spooled in 100 foot lengths.

Also available, Excelon Micro-Line Laboratory Kit (Part No: 18649). Each kit contains 100 feet of each Micro-Line size, 5 spools in total. Our Laboratory Kit is the best way to become acquainted with the many advantages of Micro-Line.



**TUBE SNIP CUTTER**  
Part No: 39000

The Excelon Tube Snip Cutter easily makes clean, smooth cuts and works well with Excelon Micro-Line tubing.

Also available, Excelon Tube Snip Cutter Replacement Blades (Part No: 38000).

- Meets FDA Regulation 21CFR177.1350
- Meets or exceeds USP Class VI
- Meets or exceeds National Formulary Vo. 14
- Translucent color
- Odorless and tasteless
- Non-toxic
- No plasticizers used in the manufacturing of MICRO-LINE
- No leaching or migration
- Very flexible with virtually no kinking
- Retains flexibility in sub-zero temperatures
- Resists age hardening
- Retains 100% plastic memory

MICRO-LINE is a “biologically stable” material developed to meet the most stringent requirements for a non-toxic and non-contaminating environment.

Translucent MICRO-LINE mini-bore tubing offers practical solutions to problems encountered in biological and clinical laboratories and hospitals.

MICRO-LINE is easily fabricated and workable to fit connectors, needles or fittings; Heat-expand it; Heat-shrink-join it; Expand it; Force fit it; Thread it; Restore it; Join it; Heat-connect it; Fabricate it; Bend it; Reduce-taper it and/or cut it.

 **Thermoplastic Processes**  
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