



APPLICATIONS:
PHARMACEUTICAL TESTING
SMALL BORE NEEDLE
ATTACHMENTS
PRECISION LABORATORY
VOLUME DISPENSING

Samples are available upon request.

REGULATORY COMPLIANCE: REACH, RoHS,
FDA, and Prop 65 compliant

Translucent Mini-Bore Tubing

- Meets FDA Regulation 21CFR177.1350
- 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.

MICRO-LINE is gamma sterilized in preparation for medical, pharmaceutical, and laboratory environments.

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.

PHYSICAL PROPERTIES

PROPERTIES	
Hardness, Shore A	90
Tensile Strength	2180 psi
Elongation at Break	680%
Brittle Temperature	-130°F
Low Temperature Flex	-29°F
Max. Operating Temp.	185°F

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 SIZING CHART

ITEM NO.	ID (MM)	ID	OD (MM)	OD	WALL (MM)	WALL	LENGTH
18750	.510	.020	1.520	.060	.510	.020	100'
1860	.760	.030	2.290	.090	.760	.030	100'
18160	1.020	.040	1.780	.070	.380	.015	100'
18200	1.270	.050	2.290	.090	.510	.020	100'
1861	1.590	.062	3.180	.125	.790	.031	100'



21649 Cedar Creek Ave
Georgetown, DE 19947
P: 302-855-0139
E: tpisales@excelon.com
www.thermoplasticprocesses.com

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