Medical Device / Pharmaceutical ~ Flexible non-allergenic tubing

## MFX • MFX73M • MFX82M • MFX92R

Thermoplastic Elastomer Alloy

- No animal derived components
- USP Class VI, FDA compliant, ISO 10993-5, USP <661>
- Ultra-low extractables / leachables
- Shore A hardness range  58, 73, 82, 92
- MFX • MFX73M • MFX82M • MFX92R: -57 °C to +121 °C (steam autoclavable)
- Sterilization: Gamma tested to 25 kGy, EtO and E-beam
- Materials contain no PVC, DEHP phthalates or other plasticizers
- Heat-sealable
- Latex and oil free

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Cleanroom Manufactured

# Flexelene MFX

*TPE Thermoplastic Biomedical Alloy*

*USP Class VI*
*USP <661>*
*ISO 10993-5*

• Laser etched with part and size identification • Custom etching options include material lot number for traceability or no etching.

| Tube Number | | | | | ID | | OD Nominal | | Wall | Roll Size |
|---|---|---|---|---|---|---|---|---|---|---|
| MFX | MFX73M | MFX82M | MFX92R | .5-2 | 1/32" | .0312" | 1/8" | .125" | 3/64" | 50 ft. |
| MFX | MFX73M | MFX82M | MFX92R | 1-2 | 1/16" | .0625" | 1/8" | .125" | 1/32" | 50 ft. |
| MFX | MFX73M | MFX82M | MFX92R | 1.5-2.5 | 3/32" | .0937" | 5/32" | .156" | 1/32" | 50 ft. |
| MFX | MFX73M | MFX82M | MFX92R | 2-4 | 1/8" | .125" | 1/4" | .250" | 1/16" | 50 ft. |
| MFX | MFX73M | MFX82M | MFX92R | 3-4 | 3/16" | .187" | 1/4" | .250" | 1/32" | 50 ft. |
| MFX | MFX73M | MFX82M | MFX92R | 3-5 | 3/16" | .187" | 5/16" | .312" | 1/16" | 50 ft. |
| MFX | MFX73M | MFX82M | MFX92R | 4-6 | 1/4" | .265" | 3/8" | .390" | 1/16" | 50 ft. |
| MFX | MFX73M | MFX82M | MFX92R | 5-7 | 5/16" | .323" | 7/16" | .448" | 1/16" | 50 ft. |
| MFX | MFX73M | MFX82M | MFX92R | 6-8 | 3/8" | .385" | 1/2" | .510" | 1/16" | 50 ft. |
| MFX | MFX73M | MFX82M | MFX92R | 8-10 | 1/2" | .510" | 5/8" | .635" | 1/16" | 50 ft. |
| MFX | MFX73M | MFX82M | MFX92R | 10-14 | 5/8" | .635" | 7/8" | .885" | 1/8" | 50 ft. |
| MFX | MFX73M | MFX82M | MFX92R | 12-16 | 3/4" | .760" | 1" | 1.010" | 1/8" | 50 ft. |
| MFX | MFX73M | MFX82M | MFX92R | 16-20 | 1" | 1.010" | 1 1/4" | 1.260" | 1/8" | 50 ft. |

Temp. Range: *Working high temperature under pressure will be lower than what is stated in table below*

| | |
|---|---|
| *MFX | -57 °C to +121 °C (-70 °F to +250 °F) • Shore A 58 hardness |
| *MFX73M | -57 °C to +121 °C (-70 °F to +250 °F) • Shore A 73 hardness |
| *MFX82M | -57 °C to +121 °C (-70 °F to +250 °F) • Shore A 82 hardness |
| *MFX92R | -57 °C to +121 °C (-70 °F to +250 °F) • Shore A 92 hardness |

*Note: *If under stress, tubing may deform during steam sterilization cycles.*

*Autoclavable to 121 °C*

Materials Comply with FDA 21 CFR 177.2600(C) and 21 CFR 1771820(b)

*Thermally weldable* | *Gamma, EtO & Beta sterilization* | **Steam autoclavable*

*Heat-sealable* | *Ultra -low extractables / leachables* | *Latex free*

*Non-cytotoxic* | *Chemical resistant* | *No DEHP or phthalates* | *Non-allergenic*

*Contains no Bisphenol-A, PVC, or vinyl acetate*

ADF *Animal Derivative Free Components*

RoHS Compliant

EJ ECO PRODUCT

ISO 9001 Quality System

***MFXAG (Antimicrobial Protected Tubing)*** in ID sizes to 3/4" - Please call for details

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