



Tubing Selection Guide



All tubing is 100% PVC Free and contains no DEHP or other phthalates, and no plasticizers.

Medical • Biotech • Life Sciences

Flexelene™ 135C – Autoclavable • USP Class VI

Biomedical • Pharmaceutical • Bioprocess Tubing

- Peristaltic pump tubing
- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4
- Low gas and oxygen permeability

Flexelene™ MFX Series – USP Class VI

Biomedical Tubing

- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4
- Shore A 58 to 92 hardness

KFLEX – USP Class VI • Kynar® Tubing

Biomedical • Pharmaceutical • Bioprocess Tubing

- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4
- More flexible than tubing extruded from 100% Kynar
- Excellent chemical resistance

EJ Prene™ – Autoclavable • USP Class VI

Biomedical • Pharmaceutical • Bioprocess Tubing

- Peristaltic pump tubing
- Very good chemical resistance
- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4
- Low gas and oxygen permeability

Flexelene™ 121C – Autoclavable • USP Class VI

Biomedical • Pharmaceutical • Bioprocess Tubing

- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4
- Low gas and oxygen permeability
- Peristaltic pump tubing

Flexelene™ SFX – USP Class VI

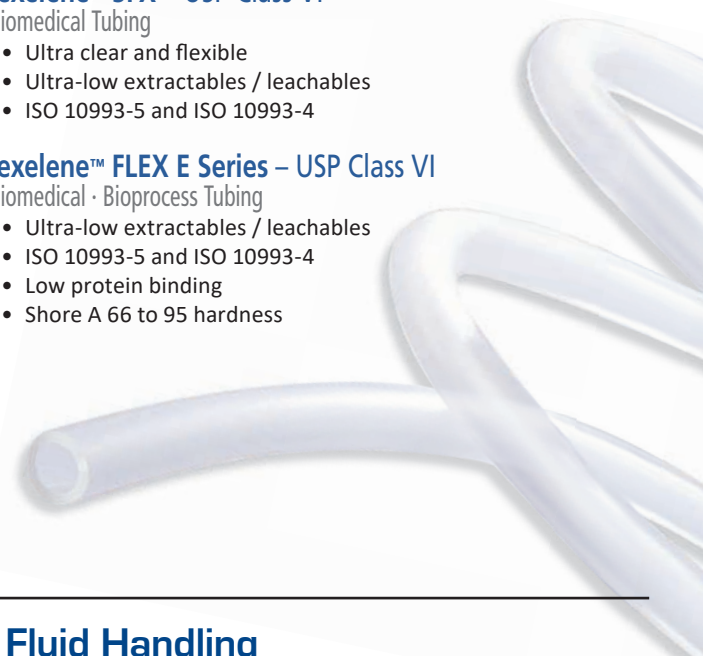
Biomedical Tubing

- Ultra clear and flexible
- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4

Flexelene™ FLEX E Series – USP Class VI

Biomedical • Bioprocess Tubing

- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4
- Low protein binding
- Shore A 66 to 95 hardness



General Purpose • Pneumatics • Robotics • Fluid Handling

Flexelene™ FX – USP Class VI

General Purpose Tubing

- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4
- Low gas and oxygen permeability
- Suitable for deionized water

Flexelene™ MFX Series – USP Class VI

Biomedical Tubing

- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4
- Shore A 58 hardness

Flexelene™ CFX – USP Class VI

Tubing for Push-on Fittings

- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4
- Low gas and oxygen permeability
- Suitable for deionized water

Flexelene™ SFX – USP Class VI

Biomedical Tubing

- Ultra clear and flexible
- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4

Antimicrobial

Flexelene™ FXAG

Antimicrobial General Purpose Tubing

- Inner wall antimicrobial protected
- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4
- Low gas and oxygen permeability

Flexelene™ CFXAG

Antimicrobial Tubing for Push-on Fittings

- Inner wall antimicrobial protected
- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4
- Low gas and oxygen permeability

Flexelene™ SFXAG

Antimicrobial Biomedical Tubing

- Inner wall antimicrobial protected
- Clear and flexible
- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4

Tubing Selection Comparison Table

To select the tubing that best fits your application, use the comparison table below. For more information on a specific tubing, refer to the reverse side or visit us online at www.EJBioMed.com. For custom applications including special constructions, assemblies and thermoformed tubing, contact us at 970-667-2728.

| Tubing | Shore A | Temp. Range °C | Temp. Range °F | Cleanroom Production | Gamma Rating* | Eto | Autoclave | Antimicrobial Protected | Welding | Heat Sealing | USP Class VI | ISO 10993-4 ISO 10993-5 | Barrier Properties | Flexibility* | Price | Pump Durable | Chemical Resistance |
|----------|---------|------------------|------------------|----------------------|---------------|-----|----------------|-------------------------|---------|--------------|--------------|----------------------------|--------------------|--------------|--------|--------------|---------------------|
| FX | 86 | -40 °C to 76 °C | -40 °F to 170 °F | - | 10 | ✓ | - | - | ✓ | ✓ | ✓ | ✓ | 10 | 7 | \$ | - | 8 |
| FXAG | 86 | -40 °C to 76 °C | -40 °F to 170 °F | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | - | - | 10 | 7 | \$\$ | - | 8 |
| CFX | 86 | -40 °C to 76 °C | -40 °F to 170 °F | - | 10 | ✓ | - | - | ✓ | ✓ | ✓ | ✓ | 10 | 7 | \$ | - | 8 |
| CFXAG | 86 | -40 °C to 76 °C | -40 °F to 170 °F | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | - | - | 10 | 7 | \$\$ | - | 8 |
| SFX | ≤73 | -40 °C to 52 °C | -40 °F to 125 °F | - | 10 | ✓ | - | - | ✓ | ✓ | ✓ | ✓ | 9 | 8 | \$ | ✓ | 7 |
| SFXAG | ≤73 | -40 °C to 52 °C | -40 °F to 125 °F | ✓ | - | ✓ | - | ✓ | ✓ | ✓ | - | - | 9 | 8 | \$\$ | ✓ | 7 |
| MFx | 58 | -57 °C to 57 °C | -70 °F to 135 °F | ✓ | 10 | ✓ | - | - | ✓ | ✓ | ✓ | ✓ | 9 | 10 | \$\$ | ✓ | 6 |
| MFx73M | 73 | -57 °C to 57 °C | -70 °F to 135 °F | ✓ | 10 | ✓ | - | - | ✓ | ✓ | ✓ | ✓ | 9 | 9 | \$\$ | ✓ | 6 |
| MFx82M | 82 | -57 °C to 62 °C | -70 °F to 145 °F | ✓ | 10 | ✓ | ✓ ¹ | - | ✓ | ✓ | ✓ | ✓ | 9 | 8 | \$\$ | ✓ | 6 |
| MFx92R | 92 | -57 °C to 62 °C | -70 °F to 145 °F | ✓ | 10 | ✓ | ✓ ¹ | - | ✓ | ✓ | ✓ | ✓ | 9 | 7 | \$\$ | - | 6 |
| 66E | 66 | -50 °C to 121 °C | -58 °F to 250 °F | ✓ | 5.5 | ✓ | - | - | ✓ | ✓ | ✓ | ✓ | 9 | 8 | \$\$ | ✓ | 6 |
| 75E | 75 | -50 °C to 121 °C | -58 °F to 250 °F | ✓ | 5.5 | ✓ | - | - | ✓ | ✓ | ✓ | ✓ | 9 | 7 | \$\$ | ✓ | 7 |
| 84E | 84 | -50 °C to 121 °C | -58 °F to 250 °F | ✓ | 5.5 | ✓ | - | - | ✓ | ✓ | ✓ | ✓ | 9 | 7 | \$\$ | ✓ | 7 |
| 95E | 95 | -50 °C to 135 °C | -58 °F to 275 °F | ✓ | 5 | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | 9 | 5 | \$\$ | - | 7 |
| 121C | 54 | -50 °C to 121 °C | -58 °F to 250 °F | ✓ | 7 | ✓ | ✓ ¹ | - | ✓ | ✓ | ✓ | ✓ | 8 | 9 | \$\$ | ✓ | 5 |
| 135C | 68 | -50 °C to 135 °C | -58 °F to 275 °F | ✓ | 7 | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | 8 | 8 | \$\$ | ✓ | 6 |
| KFLEX | 85 | -50 °C to 80 °C | -58 °F to 176 °F | ✓ | - | ✓ | - | - | - | - | ✓ | ✓ | 10 | 8 | \$\$\$ | - | 9 |
| EJ Prene | 50 | -50 °C to 135 °C | -58 °F to 275 °F | ✓ | 7 | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | 8 | 8 | \$\$ | ✓ | 6 |
| EJ Prene | 70 | -50 °C to 135 °C | -58 °F to 275 °F | ✓ | 7 | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | 8 | 8 | \$\$ | ✓ | 6 |

* Based on a sliding scale of 1 to 10 with 10 being the best.

¹Autoclave to 121°C