



Tubing Selection Guide



All tubing is 100% PVC Free and contains no phthalates or DEHP additives

Medical · Biotech · Life Sciences

Flexelene™ 135C - 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™ MFX Series - USP Class VI

Biomedical Tubing

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

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

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

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

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™ MFXAG

Antimicrobial Biomedical Tubing

- Inner wall antimicrobial protected
- Ultra-low extractables / leachables
- ISO 10993-5 and ISO 10993-4
- Shore A 58 hardness

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
MFxAG	58	-57 °C to 57 °C	-70 °F to 135 °F	✓	-	✓	-	✓	✓	✓	-	-	9	10	\$\$\$	✓	5
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

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

¹Autoclave to 121°C