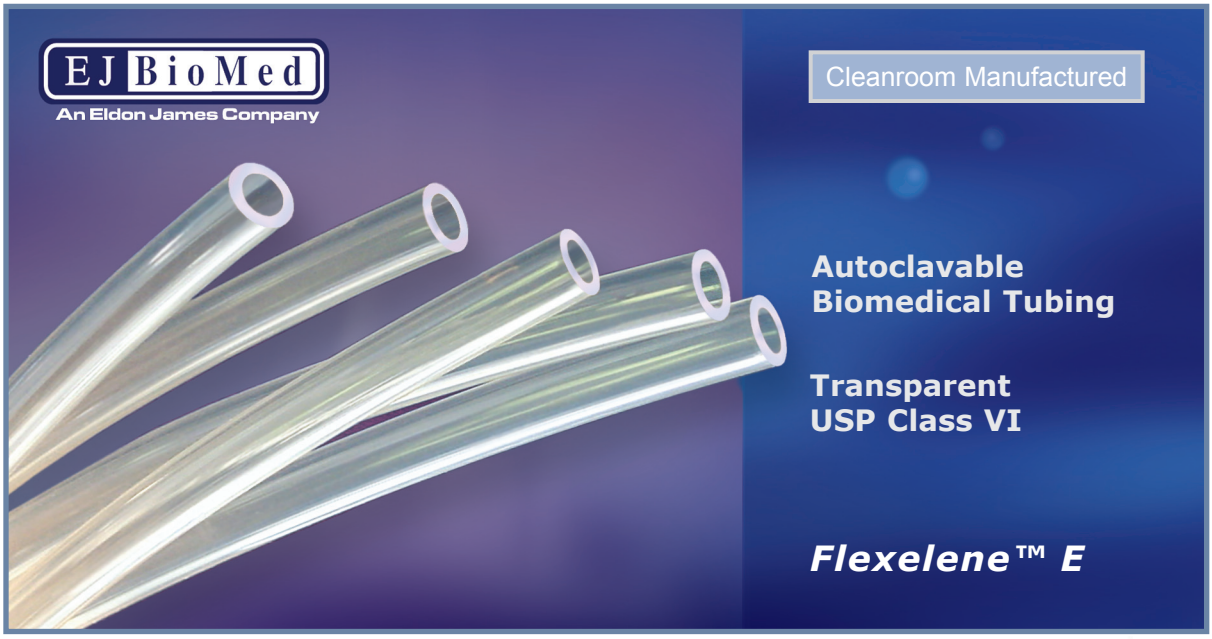

Autoclavable ~ Bioprocess / Medical
Flexelene™ E

FLX66E • FLX75E • FLX84E • FLX95E

Thermoplastic Elastomer

- No animal derived components
- USP Class VI, FDA compliant
- ISO 10993-4 • non-hemolytic, ISO 10993-5 • non-cytotoxic
- EtO sterilization • gamma to 45 kGy • autoclave sterilization (see below)
- FLX66E & FLX75E autoclavable to 121 °C • -50 °C to +121 °C (-58 ºF to +250 ºF)
- FLX84E & FLX95E autoclavable to 135 °C • -50 °C to +135 °C (-58 ºF to +275 ºF)
- Ultra-low extractables / leachables - lower risk factor for neonatal applications
- Durometer: Shore hardness ranges from Shore A 66 to Shore A 95
- Thermally weldable • heat sealable (FLX66E Shore A 66)
- No DEHP phthalates or plasticizers

Eldon James

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Flexelene E

Cleanroom Manufactured

TPE Ultra-low Extractables Tubing

135 °C

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
FLX66E	FLX75E	FLX84E	FLX95E	.5-1.5	1/32"	.0312"	3/32"	.093"	1/32"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	.5-2	1/32"	.0312"	1/8"	.125"	3/64"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	1-2	1/16"	.0625"	1/8"	.125"	1/32"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	1.5-2.5	3/32"	.0937"	5/32"	.156"	1/32"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	2-3	1/8"	.125"	3/16"	.187"	1/32"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	2-4	1/8"	.125"	1/4"	.250"	1/16"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	3-4	3/16"	.187"	1/4"	.250"	1/32"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	3-5	3/16"	.187"	5/16"	.312"	1/16"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	4-6	1/4"	.265"	3/8"	.390"	1/16"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	5-7	5/16"	.323"	7/16"	.448"	1/16"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	6-8	3/8"	.385"	1/2"	.510"	1/16"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	8-10	1/2"	.510"	5/8"	.635"	1/16"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	8-12	1/2"	.510"	3/4"	.760"	1/8"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	10-14	5/8"	.635"	7/8"	.885"	1/8"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	12-16	3/4"	.760"	1"	1.010"	1/8"	50 ft.
FLX66E	FLX75E	FLX84E	FLX95E	16-20	1"	1.010"	1 1/4"	1.260"	1/8"	50 ft.

***Flexelene™ E** can be blended to achieve a Shore hardness range between 66 and 95.*

FLX66E, with a Shore A hardness of 66, is compatible with peristaltic pump applications

FLX66E Shore A 66	*Autoclavable to 121 °C 250 °F*
FLX75E Shore A 75	
FLX84E Shore A 84	*Autoclavable to 135 °C 275 °F*
FLX95E Shore A 95	

Brittle temp. -88 °F | *Thermally weldable* | *Animal Derivative Free* | *Autoclave, gamma and EtO sterilization*

Latex free - lower risk for neonatal applications | *Non-pyrogenic material* | *Good chemical resistance*

No halogens or phthalates

ADF *Animal Derivative Free Components*

RoHS Compliant

EJ ECO PRODUCT

ISO 9001 Quality System

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