

## Eldon James Flexelene™ 135C Thermoplastic Elastomer (TPE) Tubing

### Reinforced Thermoplastic Elastomer Tubing

Eldon James Flexelene™ 135C tubing is durable and an excellent choice for use in high-pressure applications. This braided silicone alternative tubing is engineered for high-purity fluid under pressure with biocompatibility for demanding bioprocessing and pharmaceutical applications.

### Materials

#### Thermoplastic Elastomer (TPE)

- Excellent chemical resistance

TPE compounds based on SBS and/or SEBS exhibit excellent resistance to water and various solutions. However, some degradation in the compounds can be seen at long-term exposure to organic solvents, oils, and fuels.



#### CERTIFICATION

USP Class VI, USP 661, and FDA compliant

### APPLICATIONS

- General-purpose, laboratory, and single-use applications

### FEATURES/BENEFITS

- Free technical application support available to assist with tubing selection
- Great alternative to silicone tubing
- Ultra-low extractables and leachables
- Low protein binding and nonpyrogenic material
- Thermally weldable
- Wide temperature range of -80 to 135 °C (-112 to 275 °F)
- Flexible tubing with a 68 Shore A durometer
- Tubing can be sterilized via autoclave, ethylene oxide, and gamma irradiation

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China	86.21.5109.9909
India	+1.800.266.1244

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All others	+1.847.549.7600

# Cole-Parmer®

[coleparmer.com](http://coleparmer.com)

\*Inquiries from Germany and France are now handled in our St. Neots office by native-speaking experts.

## Specification and Ordering Table

Dimensions: in. (mm)			Max Pressure: psi (bar)	Item Number	Reel Length (ft)
Tubing ID	Tubing OD	Wall Thickness			
1/8" (3.2)	3/8" (9.5)	1/8" (3.2)	162 (11.1)	<a href="#">50116-28</a>	25
1/8" (3.2)	3/8" (9.5)	1/8" (3.2)	162 (11.1)	<a href="#">50116-29</a>	50
1/4" (6.4)	1/2" (12.7)	1/8" (3.2)	116 (8)	<a href="#">50116-31</a>	25
1/4" (6.4)	1/2" (12.7)	1/8" (3.2)	116 (8)	<a href="#">50116-32</a>	50
3/8" (9.5)	5/8" (15.9)	1/8" (3.2)	95 (6.5)	<a href="#">50116-34</a>	25
3/8" (9.5)	5/8" (15.9)	1/8" (3.2)	95 (6.5)	<a href="#">50116-35</a>	50
1/2" (12.7)	3/4" (19.1)	1/8" (3.2)	110 (7.58)	<a href="#">50116-36</a>	25
1/2" (12.7)	3/4" (19.1)	1/8" (3.2)	110 (7.58)	<a href="#">50116-37</a>	50
5/8" (15.9)	1" (25.4)	3/16" (4.8)	118 (8.1)	<a href="#">50116-20</a>	25
5/8" (15.9)	1" (25.4)	3/16" (4.8)	118 (8.1)	<a href="#">50116-21</a>	50
3/4" (19.1)	1-1/8" (28.6)	3/16" (4.8)	90 (6.2)	<a href="#">50116-23</a>	25
3/4" (19.1)	1-1/8" (28.6)	3/16" (4.8)	90 (6.2)	<a href="#">50116-24</a>	50
1" (25.4)	1-3/8" (35)	3/16" (4.8)	56 (3.86)	<a href="#">50116-26</a>	25