

Introducing  
**Series EA, Antimicrobial Tubing**  
Built-in hygiene for continuous cleanliness.



Series EA tubing is treated with Sanitized®, delivering the highest quality value polyethylene tubing.

Parflex is pleased to announce the new, Series EA Polyethylene tubing. This tubing is specially formulated with Sanitized® to resist degradation from mildew, algae, fungi and biofilm that can accumulate on the inside or outside of tubing in filling and processing applications.

Parflex Series EA tubing is non-leaching and unlike similar products, is 100% treated without using expensive silver additives. The antimicrobial additive is fully compounded into the tubing to protect both the inner and outer surfaces from degradation, foul odors, microorganisms and discoloration. Retarding degradation can reduce system maintenance costs and keep production lines up and running longer.

Applications that may benefit from using Series EA include water systems, food and beverage or any applications where microbes can cause problems. Series EA tubing provides the same market leading performance of our Series E tubing and complies with FDA 21 CFR 177.1520 and NSF 51 requirements for food contact.



## Contact Information:

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## Product Features:

- Resist degradation from mildew, algae, fungi and biofilm
- No heavy metals
- BPA and phthalate free
- FDA, NSF 51, REACH and RoHS compliant
- Tested to ISO 22196:2007 and EN ISO 846
- Conforms to ASTM D-1248, Type I, Class A, Category 4, Grade E5.
- Resistant to environmental stress cracking exceeding that of ordinary polyethylene tubing as measured per ASTM D-1693 (10% IGEPAL)
- Blue tube color allows quick identification
- Use with Parker antimicrobial filters to create a complete system
- Extensive range of compatible Parker fittings



ENGINEERING YOUR SUCCESS.

# Series EA, Antimicrobial Tubing



## Certifications

Complies with:

- U.S. FDA 21 CFR 177.1520
- NSF 51
- ASTM D-1248, Type I, Class A, Category 4, Grade E5
- ASTM D-1693 (10% IGEPAL)
- REACH and RoHS compliant

## Applications/Markets



- Food & Beverage
- Water systems
- Low pressure pneumatics

Part Number	Tube O.D.		Tube I.D. (Ref.)		Wall Thickness		Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius		Weight per 100 feet	
	inch	mm	inch	mm	inch	mm	psi@73°F	bar@23°C	psi@73°F	bar@23°C	inch	mm	lbs.	kg.
EA-43	1/4	6.35	0.170	4.32	0.040	1.02	120	8.3	480	33	1	25	1.05	.476
EA-64	3/8	9.52	0.250	6.35	0.062	1.57	125	8.6	500	34	1-1/4	42	2.45	1.11
EA-86	1/2	12.70	0.375	9.52	0.062	1.57	90	6.2	360	25	2-1/2	64	3.36	1.52

## Construction

Tube: Polyethylene with Sanitized®

## Operating Parameters

Recommended Temperature Range:

-80°F (-62°C) to +120°F (48°C)

## Color

- Arctic blue

## Notes

Packaged 100 foot coils - sealed clear polyethylene bag  
Special lengths available, contact Parflex division

## Fittings

Parker Fittings available from:  
Fluid System Connectors Division  
Otsego, MI  
(269) 692-6555  
(269) 694-4614 FAX

FSC Product Families:

- Compression
- Compress-Align®
- Poly-Tite
- Hi-Duty
- Fast & Tite
- Flow Control
- Prestolok Brass

- Prestolok Composite
- Global Connect
- Liquifit
- TrueSeal®
- Dubl-Barb®
- Prestomatic
- SAE Cartridge

A tube support should be used with this tubing for maximum holding power where end loading, vibration or pressure spikes may occur. Reference CAT 4660-Tubing/Fitting Compatibility Chart

