



**MedLite™  
PTFE Thin Wall Liners &  
Medical Heat Shrink**



ENGINEERING YOUR SUCCESS.

# Introducing MedLite™, A Better Solution From Parker

## MedLite™ PTFE THIN WALL LINERS

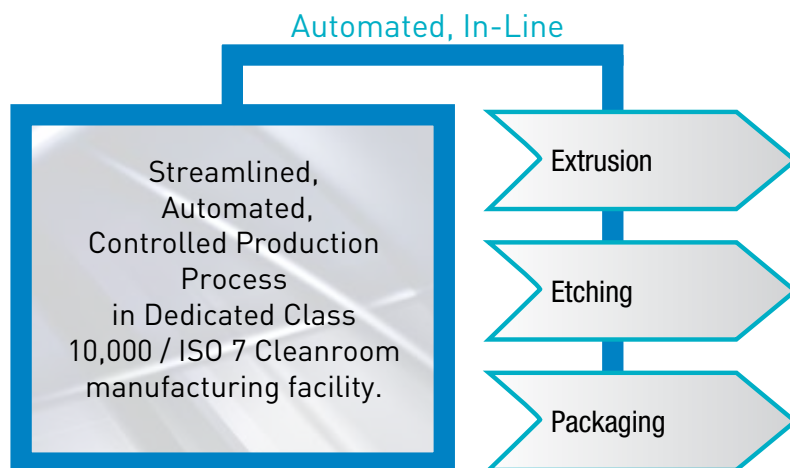
Parker's New MedLite™ PTFE Thin Wall Liners are setting the standard in quality with Extrusion, In-Line Etching and Packaging in a Dedicated, Class 10,000/ISO 7 Cleanroom production facility.

With Parker's new State-Of-The-Art, Best-In-Class manufacturing equipment and automated process, MedLite™ Thin Wall Liners offer high precision tolerances and when needed, an etched surface that provides superior bonding performance.



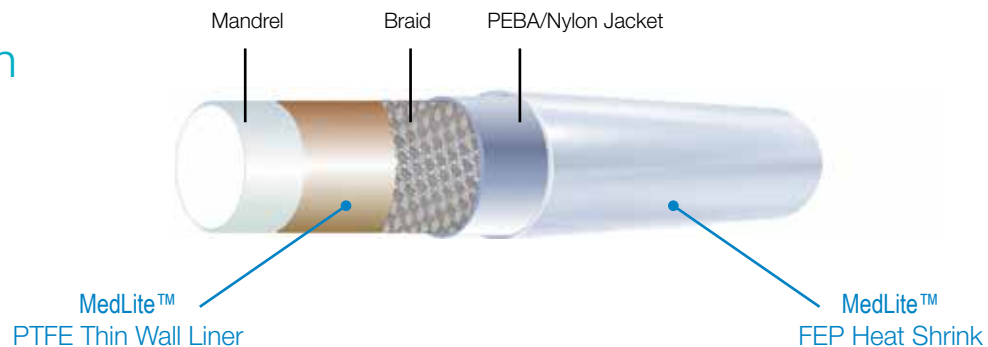
Available in Etched and Non-Etch

## A Better Solution



- Complete Lot-to-Lot Traceability
- PTFE
  - Highest Lubricity Available
  - Superior Chemical Compatibility
- Rapid Prototyping
- Rapid Delivery
- High Production Capacity
- Expert Engineering Support for Custom Solutions
- Available Sizes:
  - O.D. 0.055" to 0.190"
  - I.D. 0.052" to 0.187"
- Wall thicknesses as small as 0.001" and tolerances of +/- 0.0005"
- Available in Etched and Non-Etch

## Catheter Construction



# MedLite™ Medical Heat Shrink Tubing

Parker offers a full line of Medical Heat Shrink, designed specifically for use as an integral component of medical devices such as catheters, where performance and design are critical and unique. MedLite™ Medical Heat Shrink is available in medical grade FEP, PTFE, PFA and ETFE.

- FEP Continuous Use Temperature: -100°F to 400°F / -75°C to 200°C
- FEP Shrink Temperature: 410°F/ 210°C
- Maximum Elongation: + 5%
- FDA Compliant
- USP Class VI Compliant



## Uniform Recovery

Significantly reduces possible wrinkles and twists with uniform recovery.

## Reduced Maximum Elongation

Parker's MedLite™ Tubing provides a maximum constrained elongation of up to + 5%, significantly limiting curling, pigtailling, marks, ridges and thread effects.

## Faster Recovery Time

In reflow applications, during catheter manufacturing processes, MedLite™ Heat Shrink provides smooth transitions and a uniform wall from one resin to the next.

- For use in medical device applications requiring:
  - High Temperatures
  - High Lubricity
  - High Purity
  - Superior Dielectric Strength
  - Wider Expansion Ratios
  - Best Chemical Resistance
- Scoring - Allows easy removal after reflow is complete
- Expert Engineering Support for Custom Solutions
- Rapid Delivery - Off The Shelf Sizes Available
- Custom Sizes
  - Continuous Lengths
  - Custom Cut Lengths
  - AWG
  - Fractional
- Available in Colors or Clear, Bar Coding, Logo/Labeling, Laser Marking, Slitting and Cutting

MedLite™ Medical Heat Shrink

Part Number	AWG Size	Minimum Expanded I.D.		Maximum Recovered I.D.		Recovered Wall Thickness +/-	Expansion Ratio
		Inch	mm	Inch	mm		
HSM1.3FEP24	24	.031	.787	.027	.686	.008/.002	1.3:1
HSM1.3FEP22	22	.036	.914	.032	.813	.008/.002	1.3:1
HSM1.3FEP20	20	.045	1.14	.039	.991	.008/.002	1.3:1
HSM1.3FEP18	18	.060	1.52	.049	1.24	.008/.002	1.3:1
HSM1.3FEP16	16	.075	1.91	.061	1.55	.009/.002	1.3:1
HSM1.3FEP14	14	.092	2.34	.072	1.83	.009/.002	1.3:1
HSM1.3FEP12	12	.115	2.92	.089	2.26	.009/.002	1.3:1
HSM1.3FEP10	10	.141	3.58	.114	2.90	.010/.003	1.3:1
HSM1.3FEP09	9	.158	4.01	.124	3.15	.010/.003	1.3:1
HSM1.3FEP08	8	.180	4.57	.143	3.63	.010/.003	1.3:1
HSM1.3FEP07	7	.197	5.00	.158	4.01	.011/.004	1.3:1
HSM1.3FEP06	6	.225	5.72	.180	4.59	.011/.004	1.3:1
HSM1.3FEP05	5	.248	6.30	.198	5.03	.011/.004	1.3:1

Part Number	Size	Minimum Expanded I.D.		Maximum Recovered I.D.		Recovered Wall Thickness +/-	Expansion Ratio
		Inch	mm	Inch	mm		
HSM1.6-1/16	1/16	.062	1.57	.037	0.94	.008/.003	1.6:1
HSM1.6-3/32	3/32	.093	2.36	.056	1.42	.008/.003	1.6:1
HSM1.6-1/8	1/8	.125	3.18	.075	1.91	.010/.003	1.6:1
HSM1.6-3/16	3/16	.188	4.78	.115	2.92	.010/.003	1.6:1
HSM1.6-1/4	1/4	.250	6.35	.150	3.81	.010/.003	1.6:1
HSM1.6-5/16	5/16	.313	7.95	.187	4.75	.010/.003	1.6:1
HSM1.6-3/8	3/8	.375	9.53	.225	5.72	.012/.003	1.6:1
HSM1.6-1/2	1/2	.500	12.7	.300	7.62	.015/.004	1.6:1

Supplied in 5 foot lengths (Standard Part Numbers)



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