

**RoHS  
Compliant**



## Description:

Type FPS (FPA) Is A Single Wall Flexible Heat Shrink Radiation Cross-Linked Polyolefin Tubing. Upon The Application Of Heat In Excess Of 250°F (121°C) Tubing Shrinks And Conforms To The Geometry to Be Covered. Shrinkage: 2:1

## Colour:

Black And Clear In All Sizes And Lengths. Green, Blue, Red, Yellow And White Available In Some Put Up Sizes.

## Length:

4' (+1", -0"); 6" (±0.125") Standard

## Specifications:

### Physical

Tensile Strength	: 2400 PSI
Ultimate Elongation	: 400%
Longitudinal Change	: ±5%
Secant Modulus (2%)	: $1.7 \times 10^4$ PSI
Specific Gravity	: 1.3 G / CM <sup>2</sup> Max. (Black) .93 G / CM <sup>2</sup> Max. (Clear)
Heat Aging (336 Hrs @ 175°C)	: Elongation : 175%
Heat Shock (4 Hrs @ 250°C)	: No Dripping, Cracking, Low Temperature
Flexibility: (4 Hrs @ 55°C)	: No Cracking
Flammability	: Colored Tubing: Self-Extinguish All Tubing Flame Test (Class 1 Only) : Clear Tubing: Class 2 (Non-Flame Retardant)

### Electrical

Dielectric Strength	: 900V / Mil
Volume Resistivity	: $10^{15}$ ohm-cm

### Chemical

Corrosive Effect	: Non-Corrosive
Solvent resistance	
Tensile Strength	: 1,000 PSI
Dielectric Strength	: 400 V / Mil
Water Absorption	: 0.2%
Fungus Resistance	: Non-Nutrient
CSA Approved	: LR382278M
MIL. SPEC. #	: 1-23053 / 5 Class 1,2 AMS-3636, AMS-3637

# Heat Shrink Tubing



**Part Number Table**

Description	SIZE (I.D.)	Min.EXP. I.D.	Max. Recovered I.D.	Recovered Nom. Wall. Thickness Total Wall.	Packaging (Per Box)	Part Number
Heat Shrink Tubing	0.046	0.046	0.023	0.016	100' Spool	FPS-003-1100-BLK
					(25) 4' Lengths	FPS-003-4025-BLK
					(25) 4' Lengths	FPS-003-4025-CLR
					(40) 6" Lengths	FPS-003-6040-BLK
	0.063	0.063	0.031	0.017	100' Spool	FPS-004-1100-BLK
					(25) 4' Lengths	FPS-004-4025-BLK
					(25) 4' Lengths	FPS-004-4025-CLR
					(25) 4' Lengths	FPS-004-4025-GRN
					(36) 6" Lengths	FPS-004-6036-BLK
					(36) 6" Lengths	FPS-004-6036-CLR
					(36) 6" Lengths	FPS-004-6036-GRN
	0.093	0.093	0.046	0.02	100' Spool	FPS-006-1100-BLK
					(25) 4' Lengths	FPS-006-4025-BLK
					(25) 4' Lengths	FPS-006-4025-CLR
					(25) 4' Lengths	FPS-006-4025-GRN
					(32) 6" Lengths	FPS-006-6032-BLK
					(32) 6" Lengths	FPS-006-6032-GRN
					(32) 6" Lengths	FPS-006-6032-WHT
	0.125	0.125	0.062	0.02	100' Spool	FPS-008-1100-BLK
					(25) 4' Lengths	FPS-008-4025-BLK
					(25) 4' Lengths	FPS-008-4025-CLR
					(25) 4' Lengths	FPS-008-4025-GRN
					(28) 6" Lengths	FPS-008-6028-BLK
					(28) 6" Lengths	FPS-008-6028-CLR
					(28) 6" Lengths	FPS-008-6028-GRN
					(28) 6" Lengths	FPS-008-6028-RED
					(28) 6" Lengths	FPS-008-6028-WHT
	0.187	0.187	0.093	0.02	100' Spool	FPS-012-1100-BLK
(25) 4' Lengths					FPS-012-4025-BLK	
(25) 4' Lengths					FPS-012-4025-CLR	
(25) 4' Lengths					FPS-012-4025-GRN	
(24) 6" Lengths					FPS-012-6024-BLK	
(24) 6" Lengths					FPS-012-6024-BLU	
(24) 6" Lengths					FPS-012-6024-CLR	
(24) 6" Lengths					FPS-012-6024-GRN	

# Heat Shrink Tubing



Heat Shrink Tubing	0.187	0.187	0.093	0.02	(24) 6" Lengths	FPS-012-6024-RED
					(24) 6" Lengths	FPS-012-6024-WHT
	0.25	0.25	0.125	0.025	100' Spool	FPS-016-1100-BLK
					(25) 4' Lengths	FPS-016-4025-BLK
					(25) 4' Lengths	FPS-016-4025-CLR
					(25) 4' Lengths	FPS-016-4025-GRN
					(20) 6" Lengths	FPS-016-6020-BLK
					(20) 6" Lengths	FPS-016-6020-BLU
					(20) 6" Lengths	FPS-016-6020-CLR
					(20) 6" Lengths	FPS 016 6020 GRN
					(20) 6" Lengths	FPS.016.6020.RED
					(20) 6" Lengths	FPS-016-6020-WHT
					(20) 6" Lengths	FPS-016-6020-WHT
	0.375	0.375	0.187	0.025	100' Spool	FPS-024-1100-BLK
					(25) 4' Lengths	FPS-024-4025-BLK
					(25) 4' Lengths	FPS-024-4025-CLR
					(25) 4' Lengths	FPS-024-4025-GRN
					(16) 4' Lengths	FPS-024-6016-BLK
					(16) 4' Lengths	FPS-024-6016-BLU
					(16) 4' Lengths	FPS-024-6016-CLR
					(16) 4' Lengths	FPS-024-6016-GRN
					(16) 4' Lengths	FPS-024-6016-RED
					(16) 4' Lengths	FPS-024-6016-WHT
	0.5	0.5	0.25	0.025	100' Spool	FPS-032-1100-BLK
					(5) 4' Lengths	FPS-032-4005-BLK
					(5) 4' Lengths	FPS-032-4005-CLR
					(5) 4' Lengths	FPS-032-4005-GRN
					(14) 6" Lengths	FPS-032-6014-BLK
					(14) 6" Lengths	FPS-032-6014-CLR
					(14) 6" Lengths	FPS-032-6014-GRN
(14) 6" Lengths					FPS-032-6014-RED	
(14) 6" Lengths	FPS-032-6014-WHT					
0.75	0.75	0.375	0.03	50' Spool	FPS-048-1050-BLK	
				(5) 4' Lengths	FPS-048-4005-BLK	
				(5) 4' Lengths	FPS-048-4005-CLR	
				(5) 4' Lengths	FPS-048-4005-GRN	
				(12) 6" Lengths	FPS-048-6012-BLK	
				(12) 6" Lengths	FPS-048-6012-CLR	
				(12) 6" Lengths	FPS-048-6012-GRN	
1	1	0.5	0.035	50' Spool	FPS-064-1050-BLK	
				(5) 4' Lengths	FPS-064-4005-BLK	

# Heat Shrink Tubing



Heat Shrink Tubing	1	1	0.5	0.035	(5) 4' Lengths	FPS-064-4005-CLR
					(5) 4' Lengths	FPS-064-4005-GRN
					(8) 6" Lengths	FPS-064-6008-BLK
					(8) 6" Lengths	FPS-064-6008-GRN
	1.5	1.5	0.75	0.04	50' Spool	FPS-096-1050-BLK
					(5) 4' Lengths	FPS-096-4005-BLK
					(5) 4' Lengths	FPS-096-4005-CLR
					(5) 6" Lengths	FPS-096-6005-BLK
					(5) 6" Lengths	FPS-096-6005-CLR
	2	2	1	0.045	50' Spool	FPS-128-1050-BLK
					(5) 4' Lengths	FPS-128-4005-BLK
					(5) 4' Lengths	FPS-128-4005-CLR
					(3) 6" Lengths	FPS-128-6003-BLK
					(3) 6" Lengths	FPS-128-6003-BLU

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