

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%)	: 1.7×10^4 PSI
Specific Gravity	: 1.3 G / CM ² Max. (Black) .93 G / CM ² 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

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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		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		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				

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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
					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
					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
					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
					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
					50' Spool	FPS-064-1050-BLK
					(5) 4' Lengths	FPS-064-4005-BLK

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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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