



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

pro-POWER

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	
	0.187	0.187	0.093		(28) 6" Lengths	FPS-008-6028-WHT	
					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

Heat Shrink Tubing

pro-POWER

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

Heat Shrink Tubing

pro-POWER

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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.

www.element14.com
www.farnell.com
www.newark.com
www.cpc.co.uk

pro-POWER