

Heat Shrink Tubing

ABC

HST 105 FLEXIBLE IRRADIATED PVC

ALLIED PART NO. AND SIZE	MINIMUM SUPPLIED I.D.		MAXIMUM REC I.D.		NOM. REC. WALL THICKNESS	
	INCHES	MM	INCHES	MM	INCHES	MM
HST105-3/64	0.046	1.17	0.023	0.58	0.020	0.50
HST105-1/16	0.063	1.60	0.032	0.81	0.020	0.50
HST105-3/32	0.093	2.36	0.046	1.17	0.025	0.63
HST105-1/8	0.125	3.18	0.063	1.60	0.025	0.63
HST105-3/16	0.187	4.75	0.093	2.36	0.025	0.63
HST105-1/4	0.250	6.35	0.125	3.18	0.025	0.63
HST105-3/8	0.375	9.53	0.187	4.75	0.028	0.71
HST105-1/2	0.500	12.70	0.250	6.35	0.028	0.71
HST105-3/4	0.750	19.10	0.375	9.53	0.033	0.84
HST105-1	1.000	25.40	0.500	12.70	0.038	0.97
HST105-1 1/2	1.500	38.10	0.750	19.10	0.043	1.09
HST105-2	2.000	50.80	1.000	25.40	0.048	1.22

HST 105 Flexible Irradiated PVC

Shrink Ratio: Approximately 2 to 1
 Operational Temp. Range: -20°C to +105°C
 Dielectric Strength: 400 V/mil (158 kV/cm)
 Volume Resistivity: 10¹¹ ohm-cm
 Specific Gravity: 1.40
 Tensile Strength: 2000 psi (141 kg/cm²)
 Specifications: AMS DTL-23053/2, CL 1, CL 2 (clear); CSA 198, UL VW-1, CSA OFT UL 224, VW-1; CSA 198, OFT

HST221-HST421 Shrinkable Tubing, when heated, forms a tight-mechanical bond, even over irregularly shaped materials. It is an irradiated, thermally stable, modified extruded tubing that is simple to use and provides a tight mechanical bond.

ABC

2:1 HEAT SHRINK TUBING IRRADIATED POLYOLEFIN

ALLIED PART NO. AND SIZE	MINIMUM SUPPLIED I.D.		MAXIMUM REC I.D.		NOM. REC. WALL THICKNESS	
	INCHES	MM	INCHES	MM	INCHES	MM
HST221-3/64	0.046	1.17	0.023	0.58	0.018	0.46
HST221-1/16	0.063	1.60	0.031	0.78	0.018	0.46
HST221-3/32	0.093	2.36	0.046	1.17	0.020	0.50
HST221-1/8	0.125	3.18	0.062	1.58	0.020	0.50
HST221-3/16	0.187	4.75	0.093	2.36	0.020	0.50
HST221-1/4	0.250	6.35	0.125	3.18	0.025	0.63
HST221-3/8	0.375	9.53	0.187	4.75	0.025	0.63
HST221-1/2	0.500	12.70	0.270	6.35	0.025	0.63
HST221-3/4	0.750	19.70	0.375	9.53	0.030	0.76
HST221-1	1.000	25.40	0.500	12.70	0.035	0.88
HST221-1 1/2	1.500	38.10	0.750	19.10	0.040	1.02
HST221-2	2.000	50.80	1.000	25.40	0.045	1.16
HST221-3	3.000	76.20	1.500	38.10	0.050	1.27
HST221-4	4.000	101.6	2.000	50.80	0.055	1.40

HST 221 Standard Wall Irradiated Polyolefin Shrinkable Tubing

Shrink Ratio: Approximately 2 to 1 at 121°C
 Operational Temp. Range: -55°C to +135°C
 Dielectric Strength: 500 V/mil (197 kV/cm)
 Volume Resistivity: 10¹⁴ ohm-cm
 Specific Gravity: 1.35
 Tensile Strength: 1500 psi (141 kg/cm²)
 Specifications: AMS DTL-23053/5, CL 1, CL 2 (clear) and CL 3, UL 224, VW-1; CSA 198, OFT

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3:1 HEAT SHRINK TUBING IRRADIATED POLYOLEFIN

ALLIED PART NO. AND SIZE	MINIMUM SUPPLIED I.D.		MAXIMUM REC I.D.		NOM. REC. WALL THICKNESS	
	INCHES	MM	INCHES	MM	INCHES	MM
HST321V-3/32	0.093	2.36	0.031	0.8	0.023	0.58
HST321V-1/8	0.125	3.18	0.042	1.1	0.023	0.58
HST321V-1/4	0.250	6.35	0.083	2.2	0.023	0.58
HST321V-3/8	0.375	9.50	0.125	3.2	0.023	0.58
HST321V-1/2	0.500	12.70	0.166	4.3	0.024	0.61
HST321V-3/4	0.750	19.10	0.250	6.4	0.024	0.61
HST321V-1	1.000	25.40	0.333	8.5	0.024	0.61

HST 321 Thin Wall Irradiated Polyolefin Shrinkable Tubing

Shrink Ratio: Approximately 3 to 1 at 90°C
 Operational Temp. Range: -55°C to +125°C
 Dielectric Strength: 500 V/mil (197 kV/cm)
 Volume Resistivity: 10¹⁴ ohm-cm
 Tensile Strength: 1500 psi (141 kg/cm²)
 Specifications: UL 224, VW-1; CSA 198, OFT

Also Available: Adhesive Lined 3:1 Irradiated Polyolefin Heat Shrink Tubing (M23053/4, M23053/15)

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4:1 HEAT SHRINK TUBING IRRADIATED POLYOLEFIN

ALLIED PART NO. AND SIZE	MINIMUM SUPPLIED I.D.		MAXIMUM REC I.D.		NOM. REC. WALL THICKNESS	
	INCHES	MM	INCHES	MM	INCHES	MM
HST421-1	1.00	25.4	0.260	6.6	0.059	1.50
HST421-1 1/2	1.50	38.1	0.375	9.5	0.059	1.50
HST421-2	2.00	50.4	0.500	12.7	0.059	1.50
HST421-3	3.00	76.2	0.750	19.1	0.059	1.50
HST421-4	4.00	101.6	1.000	25.4	0.059	1.50

HST 421 Extra Flexible Irradiated Polyolefin Shrinkable Tubing

Shrink Ratio: Approximately 4 to 1 at 121°C
 Operational Temp. Range: -55°C to +135°C
 Dielectric Strength: 500 V/mil (197 kV/cm)
 Volume Resistivity: 10¹⁴ ohm-cm
 Specific Gravity: 1.35
 Tensile Strength: 1500 psi (106 kg/cm²)
 Specifications: AMS DTL-23053/5, CL 1 overexpanded, UL 224, VW-1

See page 5 of the catalog for Value Added Services Key.