

FEATURES

- Very flexible
- 2:1 shrinkage ratio, shrinks to half its original diameter
- Flame retardant
- Excellent electrical insulation properties
- Resistant to common fluids and solvents
- Meets requirements of SAE-AMS-DTL-23053/5 Class 1

RS PRO Heat Shrink Tubing, Red 6.4mm Sleeve Dia. x 1.2m Length 2:1 Ratio

RS Stock No.: 398-290



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.



Product Description

From RS Pro a range of high quality, easy to use heat shrink tubing made from flexible, flame retardant Polyolefin. The shrink ratio of this heat shrink tubing is 2:1 which means it shrinks to half of its original diameter. This heat shrinkable tubing meets the requirements of a wide range of high tech and industrial standards including SAE-AMS-DTL-23053/5 class 1

General Specifications

Sleeve Type	Heat Shrink
Colour	Red
Adhesive Lined	No
Shrink Ratio	2:1
Material	Polyolefin
Flame Retardant	Yes
Halogen Free	No
Application	Electrical insulation and protection of resistors and capacitors, Environmental protection against moisture, dust, and chemicals, Mechanical protection to wires and small parts from abrasion, Mechanical strain relief on cable and connector joints to prevent damage caused by flexing or bending, Bundling and organizing harness wires, cable, and tubing, Colour coded identification of cables, wires, and components

Electrical Specifications

Dielectric Strength	19.7KV/mm
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Mechanical Specifications

Sleeve Diameter	6.4mm
Shrunk Diameter	3.2mm
Sleeve Length	12m
Wall Thickness	0.64mm
Tensile Strength	10.3MPa (min.)
Elongation	200% (min.)
Low Temperature Flexibility	No cracking, during mandrel bend after 4 hours at -55°C
Flexibility	Flexible
Heat Shock	No dripping, flowing or cracking after 4 hours at 250°C
Specific Gravity	1.35 (max.)
Longitudinal Change	0±5%

Chemical Properties	
Flammability	Flame Retarded
Tensile Strength	10.3MPa (min.)
Dielectric Strength	19.7KV/mm
Corrosion	Non-corrosive

Operation Environment Specifications

Operating Temperature	-55°C to 135°C
Shrink Temperature	90°C

Approvals	
Standards Met	SAE-AMS-DTL-23053/5 class 1; UL224 125 C 600V
	VW-1; CSA C22.2 No.198.1





Part Number	Color		Dimensions	
		As Supplied (mm)	After Recovery	Wall Thickness
			(mm)	Shrunk
700 4450	() is a set	D (I.D.min.)	d (I.D.max.)	w (mm)
700-4453	Clear	3.0	1.0	0.60±0.10
700-4456	Clear	6.0	2.0	0.70±0.10
700-4450	Clear	9.0	3.0	0.80±0.15
700-4469	Clear	12.0	4.0	0.85±0.15
700-4462	Clear	18.0	6.0	1.00±0.15
700-4466	Clear	24.0	8.0	1.20±0.20
700-4475	Yellow	3.0	1.0	0.60±0.10
700-4478	Yellow	6.0	2.0	0.70±0.10
700-4472	Yellow	9.0	3.0	0.80±0.15
700-4481	Yellow	12.0	4.0	0.85±0.15
700-4484	Yellow	18.0	6.0	1.00±0.15
700-4488	Yellow	24.0	8.0	1.20±0.20
700-4497	Blue	3.0	1.0	0.60±0.10
700-4490	Blue	6.0	2.0	0.70±0.10
700-4494	Blue	9.0	3.0	0.80±0.15
700-4504	Blue	12.0	4.0	0.85±0.15
700-4507	Blue	18.0	6.0	1.00±0.15
700-4501	Blue	24.0	8.0	1.20±0.20
700-4510	Red	3.0	1.0	0.60±0.10
700-4513	Red	6.0	2.0	0.70±0.10
700-4517	Red	9.0	3.0	0.80±0.15
700-4526	Red	12.0	4.0	0.85±0.15
700-4529	Red	18.0	6.0	1.00±0.15
700-4523	Red	24.0	8.0	1.20±0.20
700-4532	Black	3.0	1.0	0.60±0.10
700-4535	Black	6.0	2.0	0.70±0.10
700-4539	Black	9.0	3.0	0.80±0.15
700-4548	Black	12.0	4.0	0.85±0.15
700-4541	Black	18.0	6.0	1.00±0.15
700-4545	Black	24.0	8.0	1.20±0.20
700-4554	White	3.0	1.0	0.60±0.10
700-4557	White	6.0	2.0	0.70±0.10
700-4551	White	9.0	3.0	0.80±0.15
700-4560	White	12.0	4.0	0.85±0.15
700-4567	White	18.0	6.0	1.00±0.15
700-4573	White	24.0	8.0	1.20±0.20
700-4582	Green / Yellow	3.0	1.0	0.60±0.10
700-4589	Green / Yellow	6.0	2.0	0.70±0.10
700-4595	Green / Yellow	9.0	3.0	0.80±0.15
700-4608	Green / Yellow	12.0	4.0	0.85±0.15
700-4608	Green / Yellow	12.0	6.0	1.00±0.15
700-4618	Green / Yellow	24.0	8.0	1.20±0.20



CROSS REFFERENCE LIST

700-4456Heatshrink tube clear 6/2mm700-4450Heatshrink tube clear 9/3mm700-4469Heatshrink tube clear 12/4mm700-4462Heatshrink tube clear 24/8mm700-4466Heatshrink tube yellow 3/1mm700-4475Heatshrink tube yellow 3/1mm700-4472Heatshrink tube yellow 9/3mm700-4473Heatshrink tube yellow 9/3mm700-4474Heatshrink tube yellow 18/6mm700-4481Heatshrink tube yellow 24/8mm700-4484Heatshrink tube yellow 24/8mm700-4497Heatshrink tube blue 3/1mm700-4490Heatshrink tube blue 6/2mm700-4491Heatshrink tube blue 3/1mm700-4502Heatshrink tube blue 12/4mm700-4503Heatshrink tube blue 12/4mm700-4504Heatshrink tube blue 24/8mm700-4510Heatshrink tube blue 24/8mm700-4511Heatshrink tube red 3/1mm700-4522Heatshrink tube red 3/1mm700-4533Heatshrink tube red 12/4mm700-4544Heatshrink tube red 12/4mm700-4555Heatshrink tube red 12/4mm700-4545Heatshrink tube red 12/4mm700-4554Heatshrink tube black 3/1mm700-4555Heatshrink tube black 12/4mm700-4544Heatshrink tube black 12/4mm700-4555Heatshrink tube black 12/4mm700-4556Heatshrink tube black 12/4mm700-4551Heatshrink tube black 12/4mm700-4551Heatshrink tube black 12/4mm700-4551Heatshrink tube black 12/4mm700-4551Heatshrink tube black	RS Stock No.	Description
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