

FEATURES

- Very flexible
- 2:1 shrinkage ratio, shrinks to half its original diameter
- Flame retardant (apart from transparent version)
- Excellent electrical insulation properties
- Resistant to common fluids and solvents
- Excellent abrasion resistance

RS PRO Heat Shrink Tubing, Black 6.4mm Sleeve Dia. x 8m Length 2:1 Ratio

RS Stock No.: 700-4646



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.

Heat-Shrink & Cold-Shrink Sleeves



Product Description

From RS Pro a range of high quality, easy to use general purpose heat shrink tubing made from flexible, flame retardant Polyolefin. This heat shrinkable tubing has a low shrink temperature of just 70°C (minimum) and a shrink ratio of 2:1 which means it shrinks to half of its original diameter

General Specifications

Sleeve Type	Heat Shrink
Colour	Black
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
Volume Resistivity	≥1014Ohm.cm
Voltage Resistance	AC2500V/60S
Voltage	600V



Mechanical Specifications

Sleeve Diameter	6.4mm
Shrunk Diameter	3.2mm
Sleeve Length	8m
Wall Thickness	0.56mm
Tensile Strength	10.3MPa (min.)
Elongation	200% (min.)
Low Temperature Flexibility	No cracking, during mandrel bend after 4 hours at -30°C
Flexibility	Highly flexible
Heat Shock	No cracking, flowing or cracking after 4 hours at 200°C
Longitudinal Change	-10%~10%

Chemical Properties	
Fluid Resistance	Resistant to common fluids and solvents
Flammability	Flame Retarded ,vw-1,Pass
Tensile Strength	10.3MPa (min.)
Dielectric Strength	19.7KV/mm
Corrosion	Excellent abrasion resistance

Operation Environment Specifications

Operating Temperature	-55°C to 125°C
Shrink Temperature	70°C
Full Recovery Temperature	Above 100°C

Approvals

Compliance/Certifications	UL224 File no. E337635	
Standards Met	UL	











As Supplied (mm)	Part Number	Color	Color Dimensions		
D(I.D.min.) d(I.D.max.) w (mm)			As Supplied (mm)	After Recovery	Wall Thickness
700-4453			, ,		Shrunk
Top-4456 Clear 6.0 2.0 0.70±0.10 Top-4450 Clear 9.0 3.0 0.80±0.15 Top-4460 Clear 12.0 4.0 0.85±0.15 Top-4462 Clear 18.0 6.0 1.00±0.15 Top-4466 Clear 24.0 8.0 1.20±0.20 Top-4475 Yellow 3.0 1.0 0.60±0.10 Top-4478 Yellow 6.0 2.0 0.70±0.10 Top-4478 Yellow 9.0 3.0 0.80±0.15 Top-4481 Yellow 18.0 6.0 1.00±0.15 Top-4484 Yellow 18.0 6.0 1.00±0.15 Top-4484 Yellow 18.0 6.0 1.00±0.15 Top-4497 Blue 3.0 1.0 0.60±0.10 Top-4494 Blue 9.0 3.0 0.80±0.15 Top-4504 Blue 9.0 3.0 0.80±0.15 Top-4504 Blue 12.0 4.0 0.85±0.15 Top-4504 Blue 12.0 4.0 0.85±0.15 Top-4501 Blue 24.0 8.0 1.20±0.20 Top-4501 Blue 24.0 8.0 1.00±0.15 Top-4501 Blue 24.0 8.0 1.00±0.15 Top-4502 Blue 12.0 4.0 0.85±0.15 Top-4503 Blue 12.0 4.0 0.85±0.15 Top-4504 Blue 12.0 4.0 0.85±0.15 Top-4504 Blue 12.0 4.0 0.85±0.15 Top-4501 Blue 24.0 8.0 1.20±0.20 Top-4501 Red 3.0 1.0 0.60±0.10 Top-4510 Red 3.0 1.0 0.60±0.10 Top-4513 Red 6.0 2.0 0.70±0.10 Top-4526 Red 12.0 4.0 0.85±0.15 Top-4527 Red 9.0 3.0 0.80±0.15 Top-4528 Red 18.0 6.0 1.00±0.15 Top-4529 Red 18.0 6.0 1.00±0.15 Top-4532 Black 3.0 1.0 0.60±0.10 Top-4544 Black 12.0 4.0 0.85±0.15 Top-4545 Black 12.0 4.0 0.85±0.15 Top-4546 Black 12.0 4.0 0.85±0.15 Top-4547 Red 9.0 3.0 0.80±0.15 Top-4548 Black 12.0 4.0 0.85±0.15 Top-4557 White 3.0 1.0 0.60±0.10 Top-4560 White 3.0 1.0 0.60±0.10 Top-4573 White 3.0 1.0 0.60±0.10 Top-4560 White 12.0 4.0 0.85±0.15 Top-4560 White 18.0 6.0 1.00±0.15 Top-4560 White 18.0 6.0 0.00±0.10 Top-4560 White					
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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±0.10 700-4472 Yellow 6.0 2.0 0.70±0.10 700-4481 Yellow 9.0 3.0 0.80±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±0.10 700-4497 Blue 6.0 2.0 0.70±0.10 700-4490 Blue 6.0 2.0 0.70±0.10 700-4504 Blue 12.0 4.0 0.85±0.15 700-4504 Blue 18.0 6.0 1.00±0.15 700-4507 Blue 24.0 8.0 1.20±0.20 700-4501 Red 3.0 1.0 0.60±0.15					
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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 12.0 4.0 0.85±0.15 700-4504 Blue 18.0 6.0 1.00±0.15 700-4507 Blue 18.0 6.0 1.00±0.15 700-4510 Red 3.0 1.0 0.60±0.15 700-4511 Red 3.0 1.0 0.60±0.10 700-4526 Red 12.0 4.0 0.85±0.15 </td <td></td> <td>Clear</td> <td>12.0</td> <td>4.0</td> <td></td>		Clear	12.0	4.0	
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±0.20 700-4501 Red 3.0 1.0 0.60±0.15 700-4510 Red 3.0 1.0 0.60±0.10 700-4521 Red 9.0 3.0 0.80±0.15	700-4462	Clear	18.0	6.0	1.00±0.15
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±0.15 700-4507 Blue 24.0 8.0 1.20±0.20 700-4510 Red 3.0 1.0 0.60±0.15 700-4511 Red 6.0 2.0 0.70±0.10 700-4526 Red 12.0 4.0 0.85±0.15 700-4527 Red 24.0 8.0 1.20±0.20		Clear	24.0	8.0	
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±0.10 700-4526 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±0.20 700-4535 Black 3.0 1.0 0.60±0.15 700-4536 Black 3.0 1.0 0.85±0.15 700-4529 Red 18.0 6.0 1.00±0.15 700-4520 Red 24.0 8.0 1.20±0.20 700-4510 Red 3.0 1.0 0.85±0.15 700-4529 Red 18.0 6.0 1.00±0.15 700-4529 Red 18.0 6.0 1.00±0.15 700-4520 Red 24.0 8.0 1.20±0.20 700-4532 Black 3.0 1.0 0.60±0.10 700-4534 Black 3.0 1.0 0.60±0.10 700-4535 Black 6.0 2.0 0.70±0.10 700-4536 Black 6.0 2.0 0.70±0.10 700-4537 Black 9.0 3.0 0.80±0.15 700-4548 Black 12.0 4.0 0.85±0.15 700-4545 Black 9.0 3.0 0.80±0.15 700-4546 Black 12.0 4.0 0.85±0.15 700-4547 White 3.0 1.0 0.60±0.10 700-4557 White 6.0 2.0 0.70±0.10 700-4557 White 9.0 3.0 0.80±0.15 700-4560 White 12.0 4.0 0.85±0.15 700-4573 White 9.0 3.0 0.80±0.15 700-4582 Green / Yellow 3.0 1.0 0.60±0.10 700-4589 Green / Yellow 9.0 3.0 0.80±0.15 700-4589 Green / Yellow 9.0 3.0 0.80±0.15 700-4595 Green / Yellow 9.0 3.0 0.80±0.15 700-45960 Green / Yellow 9.0 3.0 0.80±0.15	700-4475	Yellow	3.0	1.0	0.60±0.10
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±0.20 700-4501 Red 3.0 1.0 0.60±0.15 700-4510 Red 3.0 1.0 0.60±0.10 700-4513 Red 6.0 2.0 0.70±0.10 700-4526 Red 12.0 4.0 0.85±0.15 700-4527 Red 18.0 6.0 1.0±0.15 700-4528 Red 24.0 8.0 1.20±0.20 </td <td>700-4478</td> <td>Yellow</td> <td>6.0</td> <td>2.0</td> <td>0.70±0.10</td>	700-4478	Yellow	6.0	2.0	0.70±0.10
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±0.20 700-4513 Red 3.0 1.0 0.60±0.10 700-4513 Red 6.0 2.0 0.70±0.10 700-4516 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±0.15 700-4532 Black 3.0 1.0 0.60±0.10 700-4534 Black 9.0 3.0 1.0 0.60±0.10 700-4535 Black 6.0 2.0 0.70±0.10 700-4548 Black 9.0 3.0 0.80±0.15 700-4546 Black 12.0 4.0 0.85±0.15 700-4545 Black 12.0 4.0 0.85±0.15 700-4539 Black 9.0 3.0 0.80±0.15 700-4548 Black 9.0 3.0 0.80±0.15 700-4545 Black 18.0 6.0 1.00±0.15 700-4557 White 3.0 1.0 0.60±0.10 700-4557 White 9.0 3.0 0.80±0.15 700-4567 White 18.0 6.0 1.00±0.15 700-4573 White 18.0 6.0 1.00±0.15 700-4582 Green / Yellow 3.0 1.0 0.60±0.10 700-4585 Green / Yellow 9.0 3.0 0.80±0.15 700-4595 Green / Yellow 9.0 3.0 0.80±0.15 700-4595 Green / Yellow 12.0 4.0 0.85±0.15	700-4472	Yellow	9.0	3.0	0.80±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±0.10 700-4539 Black 9.0 3.0 0.80±0.15	700-4481	Yellow	12.0	4.0	0.85±0.15
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±0.15 700-4513 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 9.0 3.0 0.80±0.15	700-4484	Yellow	18.0	6.0	1.00±0.15
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±0.10 700-4548 Black 12.0 4.0 0.85±0.15 700-4541 Black 18.0 6.0 1.00±0.15 <td>700-4488</td> <td>Yellow</td> <td>24.0</td> <td>8.0</td> <td>1.20±0.20</td>	700-4488	Yellow	24.0	8.0	1.20±0.20
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±0.10 700-4548 Black 9.0 3.0 0.80±0.15 700-4541 Black 12.0 4.0 0.85±0.15 700-4545 Black 24.0 8.0 1.20±0.20 <td>700-4497</td> <td>Blue</td> <td>3.0</td> <td>1.0</td> <td>0.60±0.10</td>	700-4497	Blue	3.0	1.0	0.60±0.10
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±0.15 700-4554 White 3.0 1.0 0.60±0.10 </td <td>700-4490</td> <td>Blue</td> <td>6.0</td> <td>2.0</td> <td>0.70±0.10</td>	700-4490	Blue	6.0	2.0	0.70±0.10
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±0.15 700-4529 Red 24.0 8.0 1.20±0.20 700-4523 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±0.15 700-4554 White 3.0 0.60±0.10 <	700-4494	Blue	9.0	3.0	0.80±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±0.10 700-4567 White 9.0 3.0 0.80±0.15 <	700-4504	Blue	12.0	4.0	0.85±0.15
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 9.0 3.0 0.80±0.15 700-4560 White 12.0 4.0 0.85±0.15	700-4507	Blue	18.0	6.0	1.00±0.15
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 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	700-4501	Blue	24.0	8.0	1.20±0.20
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±0.10 700-4560 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 <td>700-4510</td> <td>Red</td> <td>3.0</td> <td>1.0</td> <td>0.60±0.10</td>	700-4510	Red	3.0	1.0	0.60±0.10
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±0.10 700-4560 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±0.20 700-4589 Green / Yellow 3.0 1.0 0.	700-4513	Red	6.0	2.0	0.70±0.10
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±0.10 700-4560 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±0.20 700-4589 Green / Yellow 3.0 1.0 0.60±0.10 700-4595 Green / Yellow 9.0 3.0	700-4517	Red	9.0	3.0	0.80±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±0.20 700-4589 Green / Yellow 3.0 1.0 0.60±0.10 700-4595 Green / Yellow 9.0 3.0	700-4526	Red	12.0	4.0	0.85±0.15
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±0.10 700-4595 Green / Yellow 9.0 3.0 0.80±0.15 700-4608 Green / Yellow 12.0 4	700-4529	Red	18.0	6.0	1.00±0.15
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±0.10 700-4595 Green / Yellow 6.0 2.0 0.70±0.10 700-4608 Green / Yellow 12.0 4.0 0.85±0.15 700-4611 Green / Yellow 18.0	700-4523	Red	24.0	8.0	1.20±0.20
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±0.15 700-4611 Green / Yellow 18.0	700-4532	Black	3.0	1.0	0.60±0.10
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±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4535	Black	6.0	2.0	0.70±0.10
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±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4539	Black	9.0	3.0	0.80±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±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4548	Black	12.0	4.0	0.85±0.15
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±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4541	Black	18.0	6.0	1.00±0.15
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±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4545	Black	24.0	8.0	1.20±0.20
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±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4554	White	3.0	1.0	0.60±0.10
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±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4557	White	6.0	2.0	0.70±0.10
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±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4551	White	9.0	3.0	0.80±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±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4560	White	12.0	4.0	0.85±0.15
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±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4567	White	18.0	6.0	1.00±0.15
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±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4573	White	24.0	8.0	1.20±0.20
700-4595 Green / Yellow 9.0 3.0 0.80±0.15 700-4608 Green / Yellow 12.0 4.0 0.85±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4582	Green / Yellow	3.0	1.0	0.60±0.10
700-4608 Green / Yellow 12.0 4.0 0.85±0.15 700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4589	Green / Yellow	6.0	2.0	0.70±0.10
700-4611 Green / Yellow 18.0 6.0 1.00±0.15	700-4595	Green / Yellow	9.0	3.0	0.80±0.15
111	700-4608	Green / Yellow	12.0	4.0	0.85±0.15
700-4618 Green / Yellow 24.0 8.0 1.20±0.20	700-4611	Green / Yellow	18.0	6.0	1.00±0.15
	700-4618	Green / Yellow	24.0	8.0	1.20±0.20



CROSS REFFERENCE LIST

RS Stock No.	Description
700-4453	Heatshrink tube clear 3/1mm
700-4456	Heatshrink tube clear 6/2mm
700-4450	Heatshrink tube clear 9/3mm
700-4469	Heatshrink tube clear 12/4mm
700-4462	Heatshrink tube clear 18/6mm
700-4466	Heatshrink tube clear 24/8mm
700-4475	Heatshrink tube yellow 3/1mm
700-4478	Heatshrink tube yellow 6/2mm
700-4472	Heatshrink tube yellow 9/3mm
700-4481	Heatshrink tube yellow 12/4mm
700-4484	Heatshrink tube yellow 18/6mm
700-4488	Heatshrink tube yellow 24/8mm
700-4497	Heatshrink tube blue 3/1mm
700-4490	Heatshrink tube blue 6/2mm
700-4494	Heatshrink tube blue 9/3mm
700-4504	Heatshrink tube blue 12/4mm
700-4507	Heatshrink tube blue 18/6mm
700-4501	Heatshrink tube blue 24/8mm
700-4510	Heatshrink tube red 3/1mm
700-4513	Heatshrink tube red 6/2mm
700-4517	Heatshrink tube red 9/3mm
700-4526	Heatshrink tube red 12/4mm
700-4529	Heatshrink tube red 18/6mm
700-4523	Heatshrink tube red 24/8mm
700-4532	Heatshrink tube black 3/1mm
700-4535	Heatshrink tube black 6/2mm
700-4539	Heatshrink tube black 9/3mm
700-4548	Heatshrink tube black 12/4mm
700-4541	Heatshrink tube black 18/6mm
700-4545	Heatshrink tube black 24/8mm
700-4554	Heatshrink tube white 3/1mm
700-4557	Heatshrink tube white 6/2mm
700-4551	Heatshrink tube white 9/3mm
700-4560	Heatshrink tube white 12/4mm
700-4567	Heatshrink tube white 18/6mm
700-4573	Heatshrink tube white 24/8mm
700-4582	Heatshrink tube green/yellow 3/1mm
700-4589	Heatshrink tube green/yellow 6/2mm
700-4595	Heatshrink tube green/yellow 9/3mm
700-4608	Heatshrink tube green/yellow 12/4mm
700-4611	Heatshrink tube green/yellow 18/6mm
700-4618	Heatshrink tube green/yellow 24/8mm