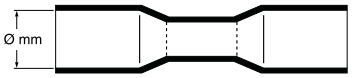
Heat Shrink Connectors

Product Overview

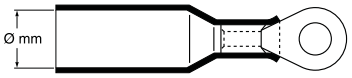
- 40% faster shrinkage than Polyamide devices
- No wire damage thanks to a lower shrink temperature (100°C instead of 170°C for Polyamide)
- Better fluid resistance than Polyamide
- Abrasion resistance as good as Polyamide
- Far better strain relief than Polyamide (+35%)
- 100% water tightness
- Minimum shrink temperature 100°C

Butt Connector



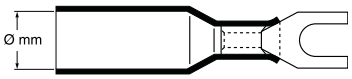
Colour	Wire Range		Stud Size	Tube Diameter Ø	
	AWG	mm²	mm	Expanded mm	Recovered mm
	22 - 18	0,5 - 1,5	n.a.	4,3	1,4
	16 - 14	1,5 - 2,5	n.a.	5,0	1,8
	12 - 10	4 - 6	n.a.	6,5	2,2

Ring Connector



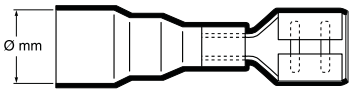
Colour	Wire Range		Stud Size	Tube Diameter Ø	
	AWG	mm²	inch	Expanded mm	Recovered mm
	22 - 18	0,5 - 1,5	#8	4,3	1,4
	22 - 18	0,5 - 1,5	#10	4,3	1,4
	22 - 18	0,5 - 1,5	1/4	4,3	1,4
	22 - 18	0,5 - 1,5	5/16	4,3	1,4
	22 - 18	0,5 - 1,5	3/8	4,3	1,4
	16 - 14	1,5 - 2,5	#8	5,0	1,8
	16 - 14	1,5 - 2,5	#10	5,0	1,8
	16 - 14	1,5 - 2,5	1/4	5,0	1,8
	16 - 14	1,5 - 2,5	5/16	5,0	1,8
	16 - 14	1,5 - 2,5	3/8	5,0	1,8
	12 - 10	4 - 6	#8	6,5	2,2
	12 - 10	4 - 6	#10	6,5	2,2
	12 - 10	4 - 6	1/4	6,5	2,2
	12 - 10	4 - 6	5/16	6,5	2,2
	12 - 10	4 - 6	3/8	6,5	2,2

Fork Connector



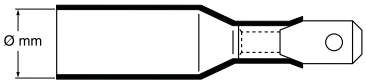
Colour	Wire Range		Stud Size	Tube Diameter Ø	
	AWG	mm²	inch	Expanded mm	Recovered mm
	22 - 18	0,5 - 1,5	#8	4,3	1,4
	22 - 18	0,5 - 1,5	#10	4,3	1,4
	16 - 14	1,5 - 2,5	#8	5,0	1,8
	16 - 14	1,5 - 2,5	#10	5,0	1,8
	12 - 10	4 - 6	#8	6,5	2,2
	12 - 10	4 - 6	#10	6,5	2,2

Push Connector



Colour	Wire Range		Stud Size	Tube Diameter Ø	
	AWG	mm²	mm	Expanded mm	Recovered mm
	22 - 18	0,5 - 1,5	6,3 x 0,8	4,3	1,4
	16 - 14	1,5 - 2,5	6,3 x 0,8	5,0	1,8
	12 - 10	4 - 6	6,3 x 0,8	6,5	2,2

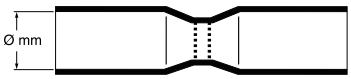
Tab Connector



Colour	Wire Range		Stud Size	Tube Diameter Ø	
	AWG	mm²	mm	Expanded mm	Recovered mm
	22 - 18	0,5 - 1,5	6,3 x 0,8	4,3	1,4
	16 - 14	1,5 - 2,5	6,3 x 0,8	5,0	1,8
	12 - 10	4 - 6	6,3 x 0,8	6,5	2,2

Heat Shrink Connectors

Solder Seal



Colour	Wire Range		Stud Size	Tube Diameter Ø	
	AWG	mm²	mm	Expanded mm	Recovered mm
	22 - 18	0,5 - 1,5	n.a.	4,3	1,4
	16 - 14	1,5 - 2,5	n.a.	5,0	1,8
	12 - 10	4 - 6	n.a.	6,5	2,2

Technical Data Heat Shrink Tube

Test	Test Method	Typical Performance
Physical		
Tensile Strength	ASTM-D 2671	27 MPa
Elongation	ASTM-D 2671	450%
Longitudinal Change	ASTM-D 2671	10% max
Specific Gravity		0,95 cm^3
Heat Resistance	168 hrs at 165 ± 5°C	No cracking flowing or dripping of outer wall
Heat Shock (4hrs at 250°C)	ASTM-D 2671	No cracking flowing or dripping of outer wall
Low Temperature Flexibility (4 hrs at –55°C)	ASTM-D 2671	No cracking or splitting of outer wall
Flammability	FMVSS 302	passed

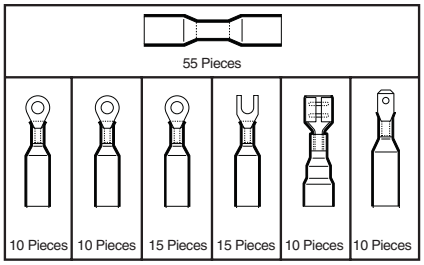
Test	Test Method	Typical Performance
Chemical		
Fluid* Resistance (24hrs at 23°C)	ASTM-D 2671	good to excellent
Copper Corrosion	ASTM-D 2671	not corrosive
Water Absorption	ASTM-D 2671	1% max
Electrical		
Dielectric Strength	ASTM-D 2671	30 kV/mm

Heat Shrink Connector Kits

Features

- 40% faster shrinkage than Polyamide devices
- No wire damage thanks to a lower shrink temperature (100°C instead of 170°C for Polyamide)
- Better fluid resistance than Polyamide
- Abrasion resistance as good as Polyamide
- Far better strain relief than Polyamide (+35%)
- 100% water tightness
- Minimum shrink temperature 100°C

Crimpseal II Basic Set



Crimpseal & Heat Shrink Set