



Aerospace | Defence | Energy | Commercial | Marine | Motorsport

HeatShrink

Tubing Selection Guide

Comprehensive Range



Typical Features & Benefits

- Mechanical protection
- Chemical/fluid resistance
- Electrical insulation
- Moisture protection
- Strain relief, Flexibility
- Flame-retardant, Low smoke
- High shrink ratio
- Low shrink temperature

Tubing Selection Guide

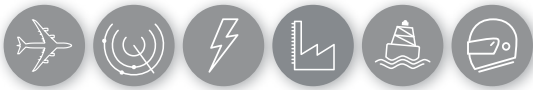
Heat-shrinkable tubing is available in an extensive range of sizes, colours and materials, including Polyolefins, Fluoropolymers, Elastomers and Silicone, many of which are radiation cross-linked to enhance their performance properties. Shrink ratios from 2:1 to 4:1 enable ease of installation, allowing the tubing to be utilised in all environments, from component protection through to rugged high performance electrical systems and field cable repairs. Temperature capabilities range from -75°C to +260°C.

Product	Material	Highly Flexible	Flexible	Semi Rigid	Operating Temperature	As Supplied Size Range	1.2m Lengths	Spools	Flat Spools	Nominal Shrink Ratio	Min. Shrink Temperature
Heat Shrinkable Single Wall											
CGPT	Polyolefin		•		-40°C to +135°C	1.2mm to 102.0mm		•		2:1 & 3:1	+80°C
CRN	Polyolefin			•	-55°C to +135°C	1.2mm to 19.0mm	•			2:1	+110°C
DCPT	Polyolefin		•		-55°C to +135°C	3.0mm to 51.0mm		•		2:1 & 3:1	+95°C
LSTT	Polyolefin		•		-40°C to +125°C	1.6mm to 38.0mm		•		2:1	+65°C
RNF-100	Polyolefin		•		-55°C to +135°C	1.2mm to 102.0mm	•	•	•	2:1	+95°C
RNF-3000	Polyolefin		•		-55°C to +135°C	1.5mm to 39.0mm	•	•		3:1	+80°C
RP-4800	Polyolefin		•		-55°C to +135°C	25.4mm to 102mm	•	•		4:1	+95°C
VERSAFIT	Polyolefin	•			-55°C to +135°C	1.6mm to 104.2mm		•	•	2:1	+70°C
DR-25	Elastomer		•		-75°C to +150°C	3.2mm to 76.0mm		•		2:1	+150°C
DR-25-TW	Elastomer	•			-75°C to +150°C	2.4mm to 38.0mm		•		2:1	+125°C
RW-200-E	Fluoroelastomer		•		-55°C to +200°C	3.2mm to 51.0mm		•		2:1	+100°C
SRFR	Silicone	•			-75°C to +200°C	2.9mm to 51.0mm		•		1.5:1	+135°C
RT-375	Fluoropolymer		•		-55°C to +150°C	1.2mm to 25.4mm		•		2:1	+125°C
RT-555	Fluoropolymer			•	-65°C to +200°C	3.2mm to 50.8mm		•		2:1	+150°C
RW-175-E	Fluoropolymer			•	-55°C to +175°C	1.2mm to 25.4mm	•	•		2:1	+155°C
TFE	Fluoropolymer			•	-67°C to +250°C	0.8mm to 11.9mm	•			1.8:1	+330°C
TFER	Fluoropolymer			•	-67°C to +250°C	2.0mm to 32.0mm	•			3.2:1	+340°C
HFT5000	Polyolefin/Polyester	•			-40°C to +125°C	12.0mm to 70.0mm		•	•	2:1	+80°C
ZH-150	Polyolefin		•		-75°C to +150°C	3.0mm to 50.0mm		•		2:1	+150°C
ZHT	Polyolefin		•		-30°C to +125°C	1.2mm to 80.0mm		•		2:1	+120°C
ZHT-BR	Polyolefin		•		-30°C to +125°C	1.2mm to 80.0mm		•		2:1	+120°C
ZHTM	Polyolefin		•		-30°C to +105°C	3.0mm to 50.0mm		•		2:1	+80°C
Heat Shrinkable Dual Wall / Adhesive lined											
ATUM	Polyolefin		•		-55°C to +110°C	3.0mm to 52.0mm	•	•		3:1 & 4:1	+80°C
CGAT	Polyolefin		•		-30°C to +80°C	3.0mm to 39.0mm	•	•		3:1	+80°C
D-150 C-Wrap	Fluoropolymer			•	-65°C to +150°C	1.1mm to 2.8mm				n/a	-
D-260 Rayseal	Fluoropolymer			•	-65°C to +260°C	5.16mm to 16.26mm				n/a	-
HTAT	Polyolefin		•		-55°C to +125°C	4.0mm to 48.0mm	•	•		4:1	+80°C
SCL	Polyolefin		•		-55°C to +110°C	3.2mm to 25.4mm	•			3:1	+125°C
SCT	Polyolefin		•		-40°C to +150°C	7.6mm to 17.8mm	•			4:1	+110°C

The above table represents a guide on what heat shrinkable tube may be the best fit for your particular application, for more information and guidance please refer to individual data sheets by product or contact us directly.

Performance characteristics include chemical and fluid resistance, environmental and vibration protection, abrasion resistance and excellent electrical performance. Heat-shrinkable tubing is also a simple and effective way of improving a products aesthetic appearance.

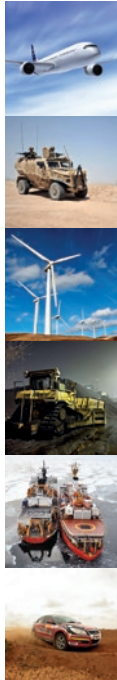
Black	Clear/Natural	Colours	Green/Yellow	Comment	Flame Retardant	Halogen Free	UL E35586	UL E199379	UL E85381	CSA LR 31929	VW-1 (UL/CSA)	AMS DTL 23053	VG 95343	FMVSS 302	LUL - LU 1-085	BR 1326A	BS 4G-198	VDE-0341	ELE-3COP-551
•	•	•		General purpose, flexible (clear not FR)	•	•	•			•									
•	•			General purpose, semi-rigid (black approved only)	•		•			•		•							
			•	Dual colour, earth identifier	•		•			•			•						
•	•	•		Low shrink temperature tubing for fast recovery										•					
•	•	•		High performance and flexible (clear DTL-23053 only)	•		•			•		•					•	•	
•	•	•		Higher shrink ratio (clear not FR)	•		•			•			•				•	•	
•		•		4:1 shrink ratio tubing (black approved only)	•		•					•	•					•	
•		•		Highly flame retardant, multi-spec. Low shrink temp.	•		•				•	•					•		
•				Diesel and hydraulic fluid resistant tubing	•							•	•				•	•	
•				Thin wall, diesel resistant tubing	•					•			•					•	
•				High temperature, chemical resistant tubing	•								•				•	•	
		•		Very flexible in range of temp with ablative properties	•				•	•									
	•			Clear high performance tubing	•		•			•	•	•					•		
•				Fluid and chemical resistant tubing, low outgassing	•				•										
	•			High temperature, thin wall, chemical resistant tubing	•		•			•			•					•	
	•			High temperature, chemically inert tubing PTFE	•							•							
	•			High temperature, chemically inert tubing PTFE	•							•							
•				Woven heat shrinkable fabric tubing		•		•						•					
•				Zero halogen, LFH tubing	•	•													•
•		•		Zero halogen, coloured LFH tubing	•	•									•				
•		•		Zero halogen, coloured LFH tubing	•	•									•	•			
•				Zero halogen, medium-wall LFH tubing	•	•							•			•	•	•	
•				Adhesive lined performance tubing (black approved only)	•				•			•		•					
•	•			Adhesive lined tubing (clear not FR)	•				•										
		•		C-Wrap repair sleeve															
•				Wraparound side entry repair															
•				High temperature adhesive lined tubing	•														
•		•		Encapsulant lined tubing					•			•							
•				High temperature, adhesive lined tubing	•														



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