

Tubing Selection Guide

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PRODUCT	Tubing Material	Tubing Material					Operating Temperature	Size Range	1.2m Lengths		
		Single Wall	Dual Wall	Highly Flexible	Flexible	Semi-Rigid			Spools	Spools	Flat Spools
ATUM	Polyolefin		•		•		-55°C to +110°C	3mm to 40mm	•	•	
ATUM	Polyolefin		•		•		-55°C to +110°C	4mm to 52mm	•	•	
CGAT	Polyolefin		•		•		-30°C to +80°C	3mm to 39mm	•	•	
CGPT	Polyolefin	•			•		-40°C to +135°C	1.2mm to 102mm		•	
CGPT	Polyolefin	•			•		-40°C to +135°C	1.5mm to 39mm		•	
CRN	Polyolefin	•				•	-55°C to +135°C	1.2mm to 19mm	•		
DCPT	Polyolefin	•			•		-55°C to +135°C	1.6mm to 38mm		•	
DR-25	Elastomer	•			•		-75°C to +150°C	3.2mm to 76mm		•	
DR-25-TW	Elastomer	•		•			-75°C to +150°C	2.4mm to 38mm		•	
HTAT	Polyolefin		•		•		-55°C to +125°C	4mm to 48mm	•	•	
LSTT	Polyolefin	•			•		-40°C to +125°C	1.6mm to 38mm		•	
RNF-100	Polyolefin	•			•		-55°C to +135°C	1.2mm to 102mm	•	•	•
RNF-3000	Polyolefin	•			•		-55°C to +135°C	1.5mm to 39mm	•	•	
RP-4800	Polyolefin	•				•	-55°C to +110°C	25.4mm to 102mm	•	•	
RT-375	Fluoropolymer	•			•		-55°C to +150°C	1.2mm to 25.4mm		•	
RW-175	Polyvinylidene	•				•	-55°C to +175°C	1.2mm to 25.4mm	•	•	
RW-200-E	Fluoropolymer	•			•		-55°C to +200°C	3.2mm to 51mm		•	
SCL	Polyolefin		•			•	-55°C to +110°C	3.2mm to 25.4mm	•		
SR	Silicone	•		•			-60°C to +180°C	0.5mm to 10mm		•	
SRFR	Silicone	•		•			-75°C to +200°C	2.9mm to 51mm		•	
STW	PTFE	•		•			-70°C to +260°C	1.27mm to 3.43mm		•	
TFE	Teflon	•				•	-67°C to +250°C	0.8mm to 11.9mm	•		
TFE-R	Teflon	•				•	-67°C to +250°C	2mm to 32mm	•		
TW	PTFE	•			•		-70°C to +260°C	1.27mm to 3.43mm		•	
VERSAFIT®	Polyolefin	•		•			-55°C to +135°C	1.2mm to 38mm		•	•
ZH-100	Polyolefin	•			•		-30°C to +105°C	3.2mm to 51mm		•	
ZHTM	Polyolefin	•			•		-30°C to +105°C	3mm to 40mm		•	

Note 1: SCL shrink ratio varies between 2.5:1 to 4:1. The standard colour for SCL is Black, but one additional colour for each size is also available.

Note 2: STW, TW and SR are non-heat-shrinkable tubing.

Note 3: Standard pack sizes for all tubing products have been included for your information and ordering reference (subject to change).

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Cut Pieces	Shrink Ratio	Minimum Shrink Temperature	Full Recovery Temperature	Black Only	Clear Only	Grey Only	Preferred Colours	Non-Preferred Colours	Product Description
•	3:1	+80°C	+110°C	•					Semi flexible, high shrink ratio, adhesive lined tubing
•	4:1	+80°C	+110°C	•					Semi flexible, high shrink ratio, adhesive lined tubing
•	3:1	+80°C	+115°C	•					Commercial grade adhesive lined tubing
•	2:1	+80°C	+120°C				•	•	General purpose, flexible tubing
•	3:1	+80°C	+120°C				•	•	General purpose, high shrink ratio, flexible tubing
•	2:1	+110°C	+135°C				•	•	Semi-rigid, flame retardant tubing
•	2:1	+95°C	+120°C						Green and yellow striped tubing
•	2:1	+150°C	+175°C	•					Flexible, chemical & diesel resistant tubing
•	2:1	+150°C	+175°C	•					Flexible, chemical & diesel resistant thin wall tubing
•	4:1	+80°C	+110°C	•					High temperature, high shrink ratio, adhesive lined tubing
•	2:1	+65°C	+110°C				•	•	Low shrink temperature tubing
•	2:1	+95°C	+121°C				•	•	Premium grade, flexible, flame retardant tubing
•	3:1	+80°C	+120°C				•	•	High shrink ratio, flexible, flame retardant tubing
•	4:1	+95°C	+121°C	•					High shrink ratio, flame retardant tubing
•	2:1	+125°C	+150°C		•				High clarity flame retardant semi-flexible tubing
•	2:1	+155°C	+175°C		•				High temperature, chemical resistant, semi rigid tubing
•	2:1	+100°C	+175°C	•					High temperature, chemical resistant flexible tubing
•	2.5:1	+125°C	+135°C	•					Semi-rigid encapsulation lined tubing
•	N/A	N/A	N/A				•		Silicone tubing
•	1.7:1	+135°C	+175°C			•			Highly flexible silicone rubber tubing
•	N/A	N/A	N/A				•		PTFE thin wall tubing
•	1.8:1	+260°C	+340°C		•				High temperature, chemically inert tubing
•	3.2:1	+240°C	+340°C		•				High temperature, chemically inert tubing
•	N/A	N/A	N/A				•		PTFE tubing
•	2:1	+70°C	+90°C				•	•	Highly flame retardant flexible, low shrink temp tubing
•	2:1	+80°C	+120°C				•		Low fire hazard, low toxicity, thin wall tubing
•	2:1	+80°C	+121°C	•					Low fire hazard, low toxicity, flexible tubing

Note 4: Preferred colours refer to 0=Black, 2=Red, 4=Yellow, 5=Green, 6=Blue, X=clear.

Note 5: Non Preferred colours refer to 1=Brown, 3=Orange, 7=Violet, 8=Grey.

Note 6: For further information regarding our cutting and kitting service, or assistance with your specific tubing requirements, please contact us.