

Tubing Selection Guide

PRODUCT	Material	Single Wall	Dual Wall	Highly Flexible	Flexible	Semi-Rigid	Operating Temperature	Size Range	1.2m Lengths	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		•		•		-40°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		•	
HCTE	ETFE	•			•		-55°C to +200°C	4.6mm to 49.2mm		•	
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 +135°C	25.4mm to 102mm	•	•	
RT-375	Fluoropolymer	•			•		-55°C to +150°C	1.2mm to 25.4mm		•	
RT-555	Fluoropolymer	•				•	-65°C to +200°C	3.2mm to 50.8mm		•	
RW-175-E	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	•		
SCT*	Polyolefin		•			•	-40°C to +150°C	1.7mm to 17.8mm	•		
SR	58Silicone	•		•			-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	0.5mm to 8.53mm		•	
TFE	Teflon	•				•	-67°C to +250°C	0.8mm to 11.9mm	•		
TFER	Teflon	•				•	-67°C to +250°C	2mm to 32mm	•		
TW	PTFE	•			•		-70°C to +260°C	0.41mm to 8.53mm		•	
VERSAFIT®	Polyolefin	•		•			-55°C to +135°C	1.63mm to 104.14mm	•	•	•
ZH2 & ZH4	Polyolefin	•		•			-30°C to +125°C	0.8mm to 30mm		•	
ZH-100	Polyolefin	•			•		-30°C to +105°C	3.2mm to 51mm		•	
ZHTM	Polyolefin	•			•		-30°C to +105°C	3mm to 50mm		•	

Note 1: SCL shrink ratio varies between 2.5:1 to 4:1.

Note 2: HCTE, STW, TW and SR are not heat-shrinkable.

Note 3: Standard pack sizes for all tubing products have been included for your information, guide only.

* For more information on SCT tubing please contact us

Shrink Ratio	Min. Shrink Temperature	Black - 0	Clear/Natural	Grey - 8	Red - 2	Yellow - 4	Green - 5	Blue - 6	White - 9	Grn/Ylw - 45	Non Std	Description
3:1	+80°C	●	▼									Semi flexible, adhesive lined tubing
4:1	+80°C	●										Semi flexible, high shrink ratio, adhesive lined tubing
3:1	+80°C	●	▼									Commercial grade adhesive lined tubing
2:1	+80°C	●	●		●	●	●	●	●			Commercial grade, flexible tubing
3:1	+80°C	●	●		●	●	●	●	●	●		Commercial grade, high shrink ratio, flexible tubing
2:1	+110°C	●	▼									Semi-rigid, flame retardant tubing
2:1	+95°C									●		Green and Yellow striped tubing
2:1	+150°C	●										Flexible, chemical & abrasion resistant tubing
2:1	+150°C	●										Flexible, chemical & abrasion resistant thin wall
N/A	N/A	●										Helical convoluted conduit, flame retardant tubing
4:1	+80°C	●										High temp. high shrink ratio, adhesive lined tubing
2:1	+65°C	●	●		●	●	●	●	●			Low shrink temperature tubing
2:1	+95°C	●	▼		●	●	●	●	●		▶	General purpose, flexible, flame retardant tubing
3:1	+80°C	●	●		●	●	●	●	●		▶	High shrink ratio, flexible, flame retardant tubing
4:1	+95°C	●			●	●	●	●	●		▶	High shrink ratio, flame retardant tubing
2:1	+125°C		●									High clarity flame retardant semi-flexible tubing
2:1	+150°C	●										High temp. solvent resistant, low out-gassing
2:1	+155°C	●	●									High temp. chemical resistant, semi-rigid tubing
2:1	+100°C	●										High temp. chemical resistant flexible tubing
2.5:1	+125°C	●		◆	◆	◆		◆	◆		◆	Semi-rigid encapsulated lined tubing
4:1	+125°C	●										Semi-rigid adhesive lined tubing
N/A	N/A	●			●	●	●	●	●			Silicone tubing
1.7:1	+135°C			●								Highly flexible silicone rubber tubing
N/A	N/A	●	●			●	●	●	●			PTFE thin wall tubing
1.8:1	+260°C		●									High temp. chemically inert tubing, low ratio
3.2:1	+240°C		●									High temp. chemically inert tubing, higher ratio
N/A	N/A	●	●			●	●		●			PTFE standard wall tubing
2:1	+70°C	●			●	●	●	●	●			Highly flame retardant, low shrink temp. tubing
2:1	+70°C	●										Zerohal, flame retardant tubing
2:1	+80°C	●										59Low fire hazard, low toxicity, thin wall tubing
2:1	+80°C	●										Low fire hazard, low toxicity, flexible tubing

- ▶ Spec change and non flame retardant colour option.
- ▶ Non preferred colours refer to 1=Brown, 3=Orange, 7=Violet, 8=Grey.
- ◆ Colours against specific sizes