

TECHNICAL DATA

PREINSULATED TUBING

Arctic PVC Jacket Temp. Rating					Suggested Allowable Working Pressure (bar)			Installation Support Distance (m)		Maximum Continuous Length (m)	
Tube OD (mm) (inch)	Nominal Wall Thickness (mm) (inch)	Max. Jacket Rating °C	Min. Ambient Service Rating °C	Min. Ambient Installation Rating °C	Seamless	Welded	Min. Bend Radius (mm)	Hor.	Ver.	Seamless	Welded
STAINLESS STEEL										ASTM 269 316/316L	
3 mm 1/8"	1 0.035"	105	-60	-30	751		200	1.5	4	600	
6 mm 1/4"	1 0.035"	105	-60	-30	351	281	200	1.5	4	300	300
6 mm 1/4"	1.5 0.049"	105	-60	-30	516		200	1.5	4	300	300
10 mm 3/8"	1 0.035"	105	-60	-30	227	181	200	1.5	4	300	300
10 mm 3/8"	1.5 0.04	105	-60	-30	227		200	1.5	4	300	300
12 mm 1/2"	1 0.035"	1.5	-60	-30	179	143	200	1.5	4	250	250
12 mm 1/2"	1.5 0.049"	105	-60	-30	254	203	200	1.5	4	200	200
12 mm 1/2"	2 0.065"	105	-60	-30	351		200	1.5	4	100	150
18 mm 3/4"	1.5 0.049"	105	-60	-30	165		200	1.5	4		
18 mm 3/4"	2 0.065"	105	-60	-30	351		200	1.5	4		
COPPER										ASTM B68, B68M, B75, UNS 12200	
6 mm 1/4"	1 0.030"	105	-60	-30	96		200	1.5	4	600	
10 mm 3/8"	1 0.032"	105	-60	-30	62		200	1.5	4	300	
12 mm 1/2"	1 0.035"	105	-60	-30	55		200	1.5	4	300	
12 mm 1/2"	1.5 0.049"	105	-60	-30	75		200	1.5	4	300	
18 mm 3/4"	1.5 0.049"	105	-60	-30	48		200	1.5	4	150	
PFA											
6 mm 1/4"	1 0.030"	105	-60	-30	10		200	1.5	4	300	
6 mm 1/4"	1.5 0.049"	105	-60	-30			200	1.5	4	300	
10 mm 3/8"	1 0.030"	105	-60	-30	6		200	1.5	4	300	
12 mm 1/2"	1.5 0.062"	105	-60	-30	6		200	1.5	4	300	