

## Tube Selection for Aluminum Fittings

**Table 1. Coated Aluminum Tube (Conventional O.D. Type)**

Size	I.D. mm (inches)	Thickness mm (inches)	O.D. mm (inches)	Material
1/4"	Ø 4.35 (0.171)	1.00 (0.039)	Ø 6.35 (0.250)	AL1060 AL1070 AL3003 AL3004
3/8"	Ø 7.52 (0.296)	1.00 (0.039)	Ø 9.52 (0.375)	
1/2"	Ø 10.30 (0.406)	1.20 (0.047)	Ø 12.70 (0.500)	
5/8"	Ø 12.88 (0.507)	1.50 (0.059)	Ø 15.88 (0.625)	
3/4"	Ø 16.05 (0.632)	1.50 (0.059)	Ø 19.05 (0.750)	

\*Other sizes are available upon customer's request

**Table 1.1 Coated Aluminum Tube (New O.D Type)**

Size	I.D. mm (inches)	Thickness mm (inches)	O.D. mm (inches)	Material
1/4"	Ø 4.91 (0.193)	0.85 (0.033)	Ø 6.60 (0.260)	AL3003
3/8"	Ø 8.06 (0.317)	0.87 (0.034)	Ø 9.80 (0.386)	
1/2"	Ø 11.04 (0.435)	0.98 (0.039)	Ø 13.00 (0.512)	
5/8"	Ø 14.04 (0.553)	1.11 (0.044)	Ø 16.25 (0.640)	
3/4"	Ø 17.05 (0.671)	1.19 (0.047)	Ø 19.43 (0.765)	

\*Other sizes are available upon customer's request

**Table 1.2 Conventional Copper Tube**

Size	O.D. mm (inches)	Material
1/4"	6.35±0.1 (0.250±0.004)	CU
3/8"	9.52±0.1 (0.375±0.004)	
1/2"	12.70±0.1 (0.500±0.004)	
5/8"	15.88±0.1 (0.625±0.004)	
3/4"	19.05±0.1 (0.750±0.004)	

\* Compatible with conventional ACR (Air-Conditioning and Refrigeration Field Service) type Copper Tubes