

Technical Bulletin

R410a Refrigeration
Tube in 0.81 and 0.91
wall thickness



Did you know?

MM Kembla Copper Tubes with diameters 12.70mm and under are available in two wall thicknesses suitable for R410a High-pressure refrigerants, 0.81 wall thickness and 0.91 wall thickness.

These products are suited to higher-pressure refrigerant gas and can also be recommended for use with R22, R134a lower pressure refrigerants.

The tube is cleaned and capped with pink caps so that it is easily identified as R410a compatible tube.

Sizes with a 0.81 wall thickness are generally more 'price attractive' and this may be used as a 'price fighter' if required.

The choice of which wall thickness to use should be governed by meeting the specified safe working pressures. Please refer to the summarized chart below.

For a comprehensive listing of the MM Kembla Refrigeration Tube range, please refer to technical bulletin D40/09. Alternatively, please visit our website www.kembla.com.au or phone Customer Service and Sales on 1800 804 631.

*** Available in straight lengths and annealed coils.

Actual Tube Size				Safe Working Pressure (kPa)				Form			
OD (inches)	OD (mm)	Wall Thickness (mm)	Nominal tube mass kg/6m	Service Temperature (°C)				Annealed Coils (m)	Product Code	Straight Lengths (6m)	Product Code
				55	60	65	70				
1/4"	6.35	0.81	0.76	10270	9910	9545	9180	30	T74634	√	T51435
	6.35	0.91	0.83	11730	11315	10900	10485	30	T32336	√	T92029
5/16"	7.94	0.91	1.08	9110	8790	8465	8145	30	T32522	-	-
3/8"	9.52	0.81	1.19	6570	6335	6105	5870	18	T55743	√	T77112
	9.52	0.91	1.32	7455	7190	6930	6665	18	T32662	√	T56847
1/2"	12.7	0.81	1.62	4825	4655	4480	4310	18	T54133	√√	T10287
	12.7	0.91	1.81	5460	5270	5075	4880	18	T32930	√√	T22527

* Other sizes available on request, minimum order quantities apply

R410A High Pressure compatible √√ Half hard Temper √ Hard Temper