

Technical data	
Parameters	Capability
Applications	Air-conditioning and refrigeration
Connections	Copper to copper
Approved tube*: Copper tube conforming to	EN 12735-1 or ASTM-B280
Fitting / tube range (inches)	1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/8"
Fitting material	Refrigerant grade copper (C12200 min 99.9% pure)
O-ring	HNBR
Approved oils	POE, PAO, PVE, AB and MO
Maximum operating and abnormal pressure	48 bar / 4800 kPa / 700 psi
O-ring temperature range	-40 °C to 140 °C / -40 °F to 284 °F
Burst pressure >3 x maximum operating and abnormal pressure EN 378-2	>144 bar / >14400 kPa / >2100 psi
Leak tightness	Helium $\leq 7.5 \times 10^{-7}$ Pa.m ³ /s at +20 °C, 10 bar
Vacuum	200 microns
UL listing continuous operating temperature	-40 °C to 121 °C / -40 °F to 250 °F
Compatible refrigerants	R-1234yf**, R-1234ze**, R-125, R-134a, R-290**, R-32**, R-404A, R-407A, R-407C, R-407F, R-407H, R-410A, R-417A, R-421A, R-422B, R-422D, R-427A, R-438A, R-444A**, R-447A**, R-447B**, R-448A, R-449A, R-450A, R-452A, R-452B**, R-452C, R-454A**, R-454B**, R-454C**, R-457A**, R-459A**, R-507A, R-513A, R-513B, R-600A** and R-718.

* Please refer to >B< MaxiPro Technical Brochure - Tube Compatibility Table.

** When using refrigerants classified A2L (lower flammability), A2 (flammable) and A3 (higher flammability) ensure that all appropriate standards, local rules and regulations, codes of practice and by-laws are adhered to.