



MUELLER STREAMLINE CO.
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SUBJECT: Copper Tube, Linesets & Wrot Fittings with Common Refrigerants

Mueller Streamline Co. does not maintain a list of refrigerant compatibility with copper products that are made exclusively from C12200 alloy, which is 99.9% pure copper. Other refrigerant-bearing products like valves and protection devices contain elastomeric seals as well as brass alloys and other metal components, which is why these products require validation of compatibility with various refrigerant chemistries.

Copper tube, linesets and wrot fittings are known to be compatible with the following:

- All common HCFC, HFC, and A2L refrigerants
- Natural refrigerants including R744, R290, R600a and others
- Not ammonia (which is the only major refrigerant not compatible with copper)

Copper tube, linesets and wrot fittings are suitable for use with Class A2L and A3 refrigerants such as the following:

- Class A2L – Mildly Flammable refrigerants such as R32, R454B, and R1234ze
- Class A3 – Highly Flammable refrigerants such as R290 and R600a
- Not ammonia (R717)