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ITEM # X 01052, REDUCING COUPLING, C X C, 1-1/8" X 1/2"

Streamline® XHP™ Copper-Iron Fittings for use in refrigeration applications. Available sizes ranging from 3/8" to 2-1/8" for continuous 130 BAR / 1885 PSI pressure ratings at 120°C / 250°F.



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Specifications

Weight	0.13 lb
Material¹	COPPER-IRON
Operating Temperature [Max]	250 °F
Operating Pressure [Max]	1885 psi
End Type	Cup (Braze)
End Size	1 1/8 in

Second End Type	Cup (Brazed)
Second End Size	1/2 in
Standards	Copper-iron (CuFe2P) UNS C19400 130 BAR / 1,885 PSI 120°C / 250°F

Dimensions

Overall Length	1.81 in
Overall Height	1.29 in
Overall Width	1.29 in
X	0.79 in

Details

Qty Pcs / Bag	5
Master Qty Pcs / Box	100
Mueller Description	1-1/8 OD X 1/2 OD CPLG

Key Specifications

Streamline® XHP™ Copper Fittings is third party verified through Underwriters Laboratories for max operating temperature of 250° F (120° C) and continuous operating pressure of 1740 psi (120 Bar).

Installation

Streamline® XHP™ copper material was developed for use with high pressure refrigerants. Compared to conventional pure copper Cu-DHP (99.9% Cu; UNS C12200), Streamline® XHP™ material is a CuFe2P alloy (2% iron; UNS C19400). This material's wettability is comparable to that of Cu-DHP. Streamline® XHP™ is not subject to any restrictions for the selection of brazing alloy. Commonly used brazing filler metal types such as BCup Alloy (may contain 0%-30% Silver – Ag) or Bag Alloy (may contain anywhere between 24% and 93% Silver – Ag) can be used. The brazing alloy chosen must be clarified with the brazing alloy supplier for each specific application. The selection of brazing alloy

may depend on a few factors: applicable codes, OEM specifications, vibration, and operating temperatures.

¹ Streamline® XHP™ Copper Fittings shall be made from material in compliance with UNS C19400 grade of copper.