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## ITEM # X 01019, REDUCING COUPLING, C X C, 1/2" X 3/8"

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

<b>Weight</b>	0.02 lb
<b>Material<sup>1</sup></b>	COPPER-IRON
<b>Operating Temperature [Max]</b>	250 °F
<b>Operating Pressure [Max]</b>	1885 psi
<b>End Type</b>	Cup (Braze)
<b>End Size</b>	1/2 in

<b>Second End Type</b>	Cup (Brazed)
<b>Second End Size</b>	3/8 in
<b>Standards</b>	Copper-iron (CuFe2P) UNS C19400 130 BAR / 1,885 PSI 120°C / 250°F

## Dimensions

<b>Overall Length</b>	0.91 in
<b>Overall Height</b>	0.58 in
<b>Overall Width</b>	0.58 in
<b>X</b>	0.22 in

## Details

<b>Qty Pcs / Bag</b>	5
<b>Master Qty Pcs / Box</b>	100
<b>Mueller Description</b>	1/2 OD X 3/8OD COUPLING

**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.

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