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**ITEM # X 04086, REDUCING TEE, C X C X C, 1-5/8" X 1-5/8" X 1-1/8"**

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.



[Specifications](#) | [Dimensions](#) | [Details](#)

| Specifications              |             |
|-----------------------------|-------------|
| Weight                      | 1.01 lb     |
| Material <sup>1</sup>       | COPPER-IRON |
| Operating Temperature [Max] | 250 °F      |
| Operating Pressure [Max]    | 1885 psi    |
| End Type                    | Cup (Braze) |
| End Size                    | 1 5/8 in    |

|                        |  |
|------------------------|--|
| <b>Second End Type</b> | Cup (Braze)  |
| <b>Second End Size</b> | 1 5/8 in   |
| <b>Third End Type</b>  | Cup (Braze)  |
| <b>Third End Size</b>  | 1 1/8 in   |
| <b>Standards</b>       | Copper-iron (CuFe2P)<br>UNS C19400<br>130 BAR / 1,885 PSI<br>120°C / 250°F |

## Dimensions

|                       |         |
|-----------------------|---------|
| <b>Overall Length</b> | 3.22 in |
| <b>Overall Height</b> | 2.65 in |
| <b>Overall Width</b>  | 1.86 in |
| <b>X</b>              | 0.71 in |
| <b>X1</b>             | 0.71 in |
| <b>Y</b>              | 0.98 in |

## Details

|                             |                         |
|-----------------------------|-------------------------|
| <b>Qty Pcs / Bag</b>        | 1                       |
| <b>Master Qty Pcs / Box</b> | 60                      |
| <b>Mueller Description</b>  | 1-5/8X 1-5/8X 1-1/8 TEE |

### 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).

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

## Installation

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.