



**MUELLER STREAMLINE CO.**  
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## Subject: Flush Bushings with Streamline® XHP™ System

For installations with Streamline® XHP™ Copper-Iron Fittings, there is not an obvious solution for adding threaded components – such as pressure gauges, pressure relief valves or system monitoring equipment – needed and necessary for refrigeration applications. Installers may choose to incorporate standard copper or brass bushings in conjunction with the XHP™ fittings. Bushings carry the pressure rating of the fitting that they are installed in, since they only add to the thickness and strength of the connection. Thus, when used in conjunction with XHP™ fittings, bushings will be rated to 130 bar (1885 psi).

As is always the case, Mueller Streamline Co. cannot warrant installation practices or tightness of connections. Apart from manufacturing defects, the performance of the joint is the sole responsibility of the installer.

By their nature, flush bushings do negatively impact fluid (flow) dynamics. System designers are fully responsible for ensuring this is not ultimately detrimental to desired performance.



EXPLODED

BRAZED

ASSEMBLED