Streamline®

GREAT LAKES COPPER

XHP COPPER-IRON TUBE & FITTINGS

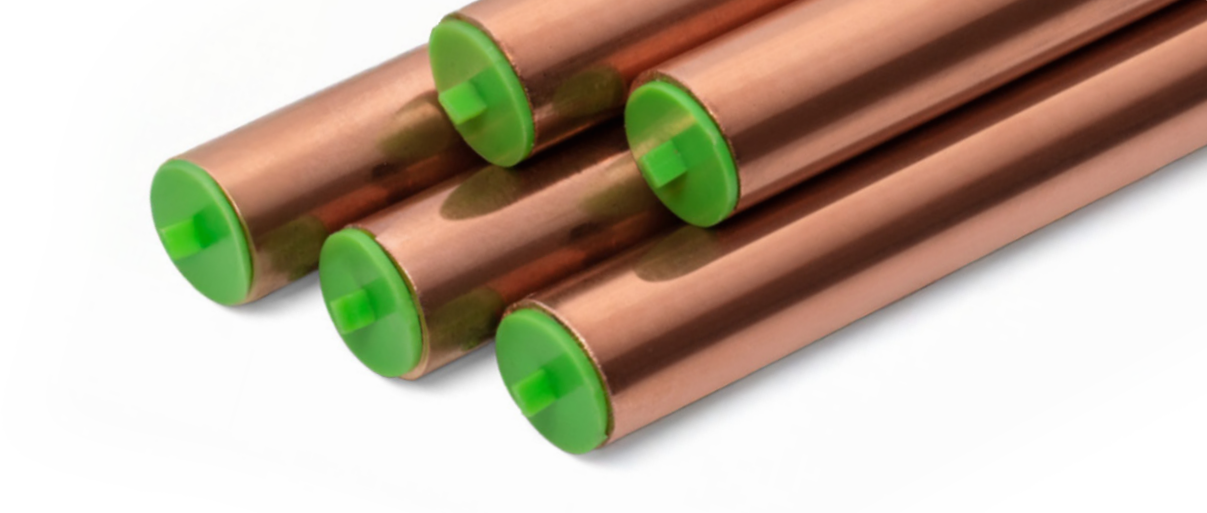
STREAMLINE® BY MUELLER STREAMLINE CO.
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MUELLER STREAMLINE CO.

XHP COPPER-IRON TUBE & FITTINGS

Streamline®



THE COPPER-IRON SOLUTION FOR HIGH-PRESSURE CO2 SYSTEMS TUBE & FITTINGS

The Streamline® XHP system consists of copper-iron alloy tube and fittings specially designed to manage the extended high pressures and broad temperature fluctuations associated with highly demanding applications such as transcritical CO2 refrigeration. This technically advanced system is a more practical alternative to steel systems due in part to familiar copper properties and the traditional joining method of brazing.

ADVANTAGES

- Sizes ranging from 3/8" - 2-5/8"
- UNS C19400 Copper-Iron Alloy (CuFe2P)
- High corrosion resistance
- Magnetic identification
- Green tube caps for easy identification
- All tube capped for cleanliness
- CAD/BIM content available

INSTALLATION

- Traditional brazed joining
- Serviceable by all refrigeration techs
- Avoids special resources and scheduling
- No TIG welding for installation or maintenance

APPROVALS & CERTIFICATIONS

- Tube is made to ASTM B1018
- UL Recognized to 130 BAR

OPERATING PARAMETERS

- Operating Pressure: 130 BAR / 1885 PSI Max
- Temperature Range: 150°C / 300°F Max
- Test Pressure : 390 BAR / 5655 PSI Min

APPROVED APPLICATIONS

- Commercial Refrigeration (Grocery / Food Retail)
- Industrial Refrigeration (Warehouse & Ice Rinks)
- Transport Refrigeration (Ocean & Road)
- Industrial Processing (Food & Pharma)
- Heat Pump Water Heaters and Other Equipment
- Industrial and Technical Gases (Oxygen, Nitrogen, etc.)

Streamline® | GREAT LAKES COPPER

PRODUCT OFFERING

FITTINGS

45° ELBOW | STREET
C x FTG

ITEM NO.	DIAMETER (OD)	INNER QTY	MASTER QTY	WEIGHT
X 03312	3/8"	5	300	0.011
X 03321	1/2"	5	200	0.02
X 03326	5/8"	5	150	0.037
X 03330	3/4"	5	100	0.066
X 03334	7/8"	5	70	0.106
X 03344	1-1/8"	5	80	0.213
X 03350	1-3/8"	1	80	0.385
X 03355	1-5/8"	1	30	0.624
X 03359	2-1/8"	1	12	1.486

45° ELBOW
C x C

ITEM NO.	DIAMETER (OD)	INNER QTY	MASTER QTY	WEIGHT
X 03012	3/8"	5	300	0.009
X 03021	1/2"	5	400	0.02
X 03026	5/8"	5	150	0.035
X 03030	3/4"	5	100	0.065
X 03034	7/8"	5	80	0.106
X 03044	1-1/8"	5	80	0.21
X 03050	1-3/8"	1	80	0.387
X 03055	1-5/8"	1	25	0.627
X 03059	2-1/8"	1	15	1.486

45° ELBOW | LONG RADIUS STREET ELBOW
C x FTG

ITEM NO.	DIAMETER (OD)	INNER QTY	MASTER QTY	WEIGHT
X 02809	3/8"	5	300	0.013
X 02817	1/2"	5	200	0.028
X 02822	5/8"	5	100	0.052
X 02828	3/4"	5	80	0.091
X 02834	7/8"	5	100	0.143
X 02847	1-1/8"	5	100	0.287
X 02350	1-3/8"	1	30	0.530
X 02355	1-5/8"	1	18	0.852
X 02359	2-1/8"	1	24	2.191
X 02363	2-5/8"	1	5	3.380

90° LONG RADIUS STREET ELBOW
C x C

ITEM NO.	DIAMETER (OD)	INNER QTY	MASTER QTY	WEIGHT
X 02716	3/8"	5	600	0.013
X 02717	1/2"	5	600	0.028
X 02722	5/8"	5	120	0.051
X 02728	3/4"	5	80	0.090
X 02734	7/8"	5	100	0.144
X 02747	1-1/8"	5	100	0.287
X 02055	1-3/8"	1	50	0.521
X 02063	1-5/8"	1	36	0.855
X 02072	2-1/8"	1	20	2.191
X 02082	2-5/8"	1	5	3.380

TEE
C x C x C

ITEM NO.	DIAMETER (OD)	INNER QTY	MASTER QTY	WEIGHT
X 04000	3/8"	5	250	0.019
X 04001	1/2"	5	100	0.038
X 04006	5/8"	5	100	0.069
X 04017	3/4"	5	30	0.116
X 04031	7/8"	5	100	0.215
X 04048	1-1/8"	5	50	0.411
X 04068	1-3/8"	1	30	0.743
X 04084	1-5/8"	1	30	1.216
X 40102	2-1/8"	1	13	2.646
X 40123	2-5/8"	1	2	3.737
REDUCING				
X 04004	1/2" x 3/8" x 3/8"	5	200	0.038
X 04002	1/2" x 1/2" x 3/8"	5	200	0.029
X 04010	5/8" x 1/2" x 1/2"	5	120	0.068
X 04008	5/8" x 5/8" x 3/8"	5	100	0.044
X 04007	5/8" x 5/8" x 1/2"	5	100	0.062
X 04019	3/4" x 3/4" x 1/2"	5	100	0.106
X 04018	3/4" x 3/4" x 5/8"	5	40	0.108
X 04034	7/8" x 7/8" x 1/2"	5	60	0.165
X 04033	7/8" x 7/8" x 5/8"	5	100	0.165
X 04032	7/8" x 7/8" x 3/4"	5	25	0.165
X 04050	1-1/8" x 1-1/8" x 3/4"	5	20	0.273
X 04049	1-1/8" x 1-1/8" x 7/8"	5	30	0.300
X 14071	1-3/8" x 1-3/8" x 3/4"	1	20	0.428
X 04070	1-3/8" x 1-3/8" x 7/8"	1	30	0.461
X 04069	1-3/8" x 1-3/8" x 1-1/8"	1	30	0.520
X 04086	1-5/8" x 1-5/8" x 1-1/8"	1	20	1.014
X 04085	1-5/8" x 1-5/8" x 1-3/8"	1	10	0.873
X 40103	2-1/8" x 2-1/8" x 1-5/8"	1	10	2.205

COUPLING REDUCING
C x C

ITEM NO.	DIAMETER (OD)	INNER QTY	MASTER QTY	WEIGHT
X 01019	1/2" x 3/8"	5	100	0.015
X 01023	5/8" x 1/2"	5	100	0.026
X 01029	3/4" x 5/8"	5	80	0.042
X 01035	7/8" x 3/4"	5	100	0.068
X 01052	1-1/8" x 1/2"	5	100	0.134
X 01049	1-1/8" x 7/8"	5	50	0.137
X 01061	1-3/8" x 1/2"	1	60	0.231
X 01060	1-3/8" x 5/8"	1	60	0.234
X 01059	1-3/8" x 3/4"	1	60	0.236
X 01058	1-3/8" x 7/8"	1	60	0.240
X 01056	1-3/8" x 1-1/8"	1	60	0.243
X 01068	1-5/8" x 3/4"	1	30	0.384
X 01067	1-5/8" x 7/8"	1	30	0.379
X 01065	1-5/8" x 1-1/8"	1	12	0.381
X 01064	1-5/8" x 1-3/8"	1	50	0.395
X 01073	2-1/8" x 1-5/8"	1	30	0.670

COUPLING | TRANSITION STEEL
CTS x IPS (BW)

ITEM NO.	DIAMETER (OD)	INNER QTY	MASTER QTY	WEIGHT
X 11034	7/8"	1	25	1.000
X 11047	1-1/8" x 1-1/4"	1	25	1.170
X 11055	1-3/8" x 1-1/2"	1	25	1.190
X 11063	1-5/8" x 2"	1	25	2.140
X 11072	2-1/8" x 2"	1	25	0.946

FITTING | REDUCING
FTG x C

ITEM NO.	DIAMETER (OD)	INNER QTY	MASTER QTY	WEIGHT
X 01312	1/2" x 3/8"	5	150	0.015
X 21313	1/2" x 12mm	5	300	0.013
X 01317	5/8" x 3/8"	5	250	0.026
X 01315	5/8" x 1/2"	5	100	0.026
X 01322	3/4" x 3/8"	5	150	0.045
X 01321	3/4" x 1/2"	5	100	0.043
X 01320	3/4" x 5/8"	5	100	0.043
X 11328	7/8" x 3/8"	5	150	0.072
X 01327	7/8" x 1/2"	5	70	0.064
X 01326	7/8" x 5/8"	5	50	0.069
X 01325	7/8" x 3/4"	5	100	0.065
X 21326	7/8" x 22mm	5	100	0.073
X 01340	1-1/8" x 1/2"	5	100	0.132
X 01399	1-1/8" x 5/8"	5	60	0.133
X 01338	1-1/8" x 3/4"	5	130	0.132
X 01337	1-1/8" x 7/8"	5	60	0.137
X 21338	1-1/8" x 28mm	5	100	0.139
X 01343	1-3/8" x 1-1/8"	1	60	0.233
X 21344	1-3/8" x 35mm	1	60	0.260
X 01353	1-5/8" x 7/8"	1	30	0.380
X 01350	1-5/8" x 1-3/8"	1	40	0.380
X 21349	1-5/8" x 42mm	1	30	0.425
X 01360	2-1/8" x 1-1/8"	1	30	0.838
X 01358	2-1/8" x 1-5/8"	1	30	0.948
X 01367	2-5/8" x 2-1/8"	1	8	1.299

COUPLING | STAKED STOP
C x C

ITEM NO.	DIAMETER (OD)	INNER QTY	MASTER QTY	WEIGHT
X 10143	3/8"	5	300	0.009
X 10144	1/2"	5	350	0.017
X 10145	5/8"	5	150	0.032
X 10157	3/4"	5	100	0.057
X 10146	7/8"	5	100	0.090
X 10147	1-1/8"	5	100	0.172
X 10148	1-3/8"	1	90	0.311
X 10149	1-5/8"	1	60	0.513
X 10150	2-1/8"	1	40	1.093
X 10151	2-5/8"	1	5	1.768

CAP
C

ITEM NO.	DIAMETER (OD)	INNER QTY	MASTER QTY	WEIGHT
X 07004	3/8"	5	100	0.006
X 07006	1/2"	5	100	0.013
X 07007	5/8"	5	100	0.024
X 07008	3/4"	5	150	0.037
X 07009	7/8"	5	100	0.060
X 07011	1-1/8"	5	100	0.115
X 07012	1-3/8"	1	60	0.201
X 07013	1-5/8"	1	30	0.340
X 07014	2-1/8"	1	36	0.661

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PRODUCT OFFERING

BALL VALVES

BALL VALVE | CO_2 TRANSCRITICAL

C x C

ITEM NO.	DIAMETER (OD)	INNER QTY	MASTER QTY	WEIGHT
AP17859XHP	1/4"	1	32	0.48
AP17860XHP	3/8"	1	32	0.490
AP17861XHP	1/2"	1	32	0.510
AP17862XHP	5/8"	1	32	0.520
A 17863XHP	3/4"	1	24	1.590
A 17864XHP	7/8"	1	24	1.590
A 17865XHP	1-1/8"	1	12	3.035
A 17866XHP	1-3/8"	1	10	4.415
A 17867XHP	1-5/8"	1	4	6.600
A 17868XHP	2-1/8"	1	2	13.430

***See Price List UW RBV For Pricing**

BALL VALVE | CO_2 TRANSCRITICAL W/ ACCESS PORT

TUBE END

ITEM NO.	DIAMETER (OD)	INNER QTY	MASTER QTY	WEIGHT
A 18937XHP	1/4"	1	32	0.598
A 18938XHP	3/8"	1	32	0.608
A 18939XHP	1/2"	1	32	0.619
A 18940XHP	5/8"	1	32	0.632
AC17863XHP	3/4"	1	24	1.504
AC17864XHP	7/8"	1	24	1.617
AC17865XHP	1-1/8"	1	12	2.994
AC17866XHP	1-3/8"	1	10	4.360
AC17867XHP	1-5/8"	1	4	6.565
AC17868XHP	2-1/8"	1	2	13.481

***See Price List UW RBV For Pricing**

TUBES

130 BAR / 1885 PSI

ITEM NO.	DESCRIPTION	DIAMETER (OD)	BUNDLE QTY	UNIT	WEIGHT
130X02020	3/8" OD x 20' ACR XHP130	3/8"	500	FT	0.1121
130X03020	1/2" OD x 20' ACR XHP130	1/2"	500	FT	0.1969
130X04020	5/8" OD x 20' ACR XHP130	5/8"	500	FT	0.3076
130X05020	3/4" OD x 20' ACR XHP130	3/4"	200	FT	0.4427
130X06020	7/8" OD x 20' ACR XHP130	7/8"	200	FT	0.6024
130X10020	1-1/8" OD x 20' ACR XHP130	1-1/8"	100	FT	0.9967
130X12020	1-3/8" OD x 20' ACR XHP130	1-3/8"	100	FT	1.4883
130X14020	1-5/8" OD x 20' ACR XHP130	1-5/8"	100	FT	2.0781
130X20020	2-1/8" OD x 20' ACB XHP130	2-1/8"	20	FT	3.5545
130X24020	2-5/8" OD x 20' ACR XHP130	2-5/8"	20	FT	5.425



Streamline®

GREAT LAKES COPPER

CO2 REFRIGERATION SYSTEMS ARE DEMANDING.

DEMAND STREAMLINE® XHP FOR YOUR C02 PROJECTS.

GREAT LAKES COPPER

Streamline®
YOUR SYSTEM

Streamline® is the preferred and specified brand of industry professionals around the world. Why? They know that since 1930, Streamline® products have been designed for trouble-free performance and manufactured to the highest standards. From tubing and fittings to valves and more, Streamline® offers a suite of quality products to support a broad range of piping systems and applications. Streamline® Your System, and get the confidence that only comes when a solution is designed to work together.

- **Plumbing Supply Systems**
- **Drain, Waste, & Vent Systems**
- **Air Conditioning Systems**
- **Refrigeration Systems**
- **High-Pressure CO2 Systems**
- **Industrial/Process Systems**
- **Medical Gas/Oxygen Systems**
- **Mechanical & Steam Systems**
- **LP/Natural Gas Systems**
- **Hydronic Heating Systems**
- **Well & Pump Systems**
- **Underground Service Lines**

MUELLER STREAMLINE CO.

150 Schilling Blvd, Suite 201, Collierville, TN 38017 | 1-800-FITTING | www.muellerstreamline.com
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MLT-412 June 2024