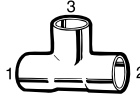


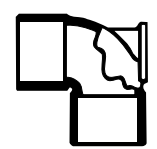
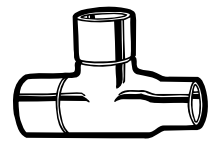
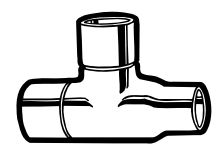
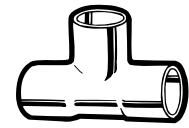
Copper Fittings

PFS Number	Mfg. Number	Description	Box/Master
<p>ABBREVIATIONS: C = Female Solder Socket FIP = Female Pipe Thread FTG = Fits inside Copper Solder Socket MIP = Male Pipe Thread</p> <p><i>Sizes shown are nominal measurements</i></p> <p>COPPER FITTINGS Copper fittings meet specifications shown in ANSI B16.22 for wrought copper and bronze solder joint pressure fittings and ANSI B16.18 for cast bronze solder joint fittings.</p>			
90° Elbow			
460002	107-C	1/4" C X C	50/1000
460003	107-C	3/8" C X C	50/1000
460004	107-C	1/2" C X C	100/1000
460005	107-C	3/4" C X C	50/500
460006	107-C	1" C X C	20/200
460007	107-C	1-1/4" C X C	25/200
460008	107-C	1-1/2" C X C	20/120
460009	107-C	2" C X C	10/80
90° Elbow - Reducing			
460011	107-CR	3/4" X 1/2" C X C	50/500
460018	107-CR	1" X 1/2" C X C	25/250
460019	107-CR	1" X 3/4" C X C	25/250
460017	107-CR	1-1/4" X 1" C X C	10/100
460021	107-CR	2" X 1-1/2" C X C	5/40
90° Street Elbow			
460032	107-C2	1/4" FTG X C	50/1000
460033	107-C2	3/8" FTG X C	50/1000
460034	107-C2	1/2" FTG X C	100/1000
460035	107-C2	3/4" FTG X C	50/500
460036	107-C2	1" FTG X C	20/200
460037	107-C2	1-1/4" FTG X C	25/200
460038	107-C2	1-1/2" FTG X C	20/120
460039		2" FTG X C	10/80
460044	4707-4	1/2" C X MIP	30/270
460045	4707-4	3/4" C X MIP	30/180
45° Elbow			
460022	106	1/4" C X C	50/1000
460023	106	3/8" C X C	50/1000
460024	106	1/2" C X C	100/1000
460025	106	3/4" C X C	50/500
460026	106	1" C X C	25/250
460027	106	1-1/4" C X C	25/250
460028	106	1-1/2" C X C	20/160
460029	106	2" C X C	10/80
460030	106-2	1/2" C X FTG	100/1000
460031	106-2	3/4" C X FTG	50/500

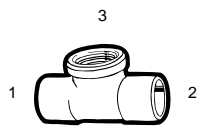



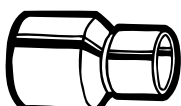
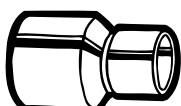




Copper Fittings

PFS Number	Mfg. Number	Description	Box/Master
		Tees Tees are read straight through and then the branch outlet 1,2,3.	
			
460053	111	3/8" CXCXC	50/500
460054	111	1/2" CXCXC	50/500
460055	111	3/4" CXCXC	25/250
460056	111	1" CXCXC	10/100
460057	111	1-1/4" CXCXC	5/50
460058	111	1-1/2" CXCXC	5/50
460059	111	2" CXCXC	5/40
		Tees - Reducing	
460061	111-R	1/2" X 1/2" X 3/4" CXCXC	25/250
460062	111-R	3/4" X 1/2" X 1/2" CXCXC	25/250
460063	111-R	3/4" X 1/2" X 3/4" CXCXC	25/250
460064	111-R	3/4" X 3/4" X 1/2" CXCXC	25/250
462096	111-R	3/4" X 3/4" X 1" CXCXC	10/100
460067	111-R	1" X 1/2" X 1/2" CXCXC	10/100
462076	111-R	1" X 1/2" X 3/4" CXCXC	10/100
462080	111-R	1" X 3/4" X 1/2" CXCXC	10/100
462081	111-R	1" X 3/4" X 3/4" CXCXC	10/100
462082	111-R	1" X 3/4" X 1" CXCXC	10/100
462059	111-R	1" X 1" X 1/2" CXCXC	10/100
460065	111-R	1" X 1" X 3/4" CXCXC	10/100
460066	111-R	1" X 1/2" X 1" CXCXC	10/100
462305	111-BH	1" X 1" X 1-1/4" CXCXC	5/50
462310		1-1/4" X 3/4" 1" CXCXC	5/50
462319	111-R	1-1/4" X 1-1/4" X 1/2" CXCXC	5/50
462317	111-R	1-1/4" X 1-1/4" X 3/4" CXCXC	5/50
463318	111-R	1-1/4" X 1-1/4" X 1" CXCXC	5/50
462315	111-R	1-1/4" X 1" X 1" CXCXC	5/50
462316	111-R	1-1/4" X 1" X 1-1/4" CXCXC	5/50
460070		1-1/2" X 1" X 1-1/2" CXCXC	5/50
460071		1-1/2" X 1-1/2" X 1/2" CXCXC	5/50
462062		1-1/2" X 1-1/2" X 3/4" CXCXC	5/50
462063		1-1/2" X 1-1/2" X 1" CXCXC	5/50
462064		1-1/2" X 1-1/2" X 1-1/4" CXCXC	5/50
460072		2" X 1-1/2" X 2" CXCXC	5/40
460073		2" X 2" X 3/4" CXCXC	5/40
462335		2" X 2" X 1" CXCXC	5/40
462340		2" X 2" X 1-1/4" CXCXC	5/40
462345	111-R	2" X 2" X 1-1/2" CXCXC	5/40
460040		1/2" STREET TEE C X FTG X C	50/500
		Tee - Drop Ear	
460094	4712-5	1/2" CXCXF	25/250

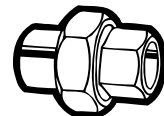
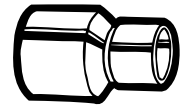
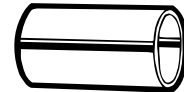
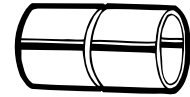


Copper Fittings

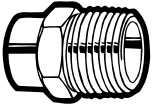
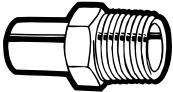
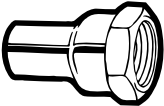
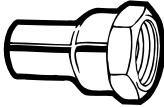
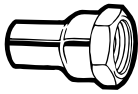
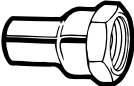
PFS Number	Mfg. Number	Description	Box/Master	
		<p>Adapter Tees</p> <p>Tees are read straight through and then the branch outlet 1,2,3.</p> 		
460074	4712	1/2" C X C X FIP	50/300	
460075	4712	3/4" C X C X FIP	25/150	
460076	4712	1" C X C X FIP	10/60	
460664	4712	1" X 1" X 1/2" C X C X FIP	15/90	
460880	4712	1-1/2" X 1-1/2" X 1/2"	1/25	
		<p>Adapter Tees - Reducing</p>		
460063	111-R	3/4" X 1/2" X 3/4" UPC	25/250	
462276	111-R	1-1/4" X 1-1/4" X 1" C X C X FIP	5/50	
460085	111-R	1-1/2" X 1-1/2" X 1" C X C X FIP	5/50	
460088		2" X 2" X 1" C X C X FIP	1/25	
		<p>Fitting Reducer</p>		
462018	118	3/4" X 1/2" FTG X C	50/500	
462021	118	1" X 1/2" FTG X C	25/250	
462022	118	1" X 3/4" FTG X C	25/250	
462023	118	1-1/4" X 1/2" FTG X C	10/100	
462024	118	1-1/4" X 3/4" FTG X C	10/100	
462025	118	1-1/4" X 1" FTG X C	10/100	
462026	118	1-1/2" X 1/2" FTG X C	10/100	
462027	118	1-1/2" X 3/4" FTG X C	10/100	
462028	118	1-1/2" X 1" FTG X C	10/100	
462029	118	1-1/2" X 1-1/4" FTG X C	10/100	
462030	118	2" X 1" FTG X C	10/100	
462031	118	2" X 1-1/4" FTG X C	10/100	
462032	118	2" X 1-1/2" FTG X C	10/100	
462044		2-1/2" X 1-1/2" FTG X C	5/20	
462045		2-1/2" X 2" FTG X C	5/20	
		<p>Tube Caps</p>		
460122	117	1/4"	50/1000	
460123	117	3/8"	50/1000	
460124	117	1/2"	100/1000	
460125	117	3/4"	50/500	
460126	117	1"	50/500	
460127	117	1-1/4"	25/250	
460128	117	1-1/2"	20/200	
460129	117	2"	10/100	
		<p>Elbows</p>		
460134	4707-3	1/2" 90° C X FIP	75/450	
460135	4707-3	3/4" 90° C X FIP	30/180	
460140	4707-3	1" X 1/2" C X FIP	25/150	
460144	4707-3-5	1/2" DE C X FIP	25/250	
460145	4707-3-5	3/4" DE C X FIP	20/120	

Copper Fittings

PFS Number	Mfg. Number	Description	Box/Master
Couplings			
460102	100	1/4" C X C	50/1000
460103	100	3/8" C X C	50/1000
460104	100	1/2" C X C	100/1000
460105	100	3/4" C X C	50/500
460106	100	1" C X C	25/250
460107	100	1-1/4" C X C	20/200
460108	100	1-1/2" C X C	10/100
460109	100	2" C X C	5/50
460990	100	2-1/2" C X C	5/50
460110	100	3" C X C	5/50
461142	4703-2R	1/2" X 1/4" FTG X FIP	50/500
Repair Couplings			
462102	101	1/2" C X C	100/1000
462104	101	3/4" C X C	50/500
462106	101	1" C X C	25/250
462107	101	1-1/4" C X C	20/200
462108	101	1-1/2" C X C	10/100
462109	101	2" C X C	5/50
Reducing Couplings			
460111	101-R	3/4" X 1/2" C X C	50/500
460117	101-R	1" X 1/2" C X C	25/250
460113	101-R	1" X 3/4" C X C	25/250
460118	101-R	1-1/4" X 1" C X C	10/100
460120	101-R	1-1/2" X 1-1/4" C X C	10/100
460116	101-R	2" X 3/4" C X C	10/100
460119	101-R	2" X 1" C X C	10/100
460114	101-R	2" X 1-1/4" C X C	10/100
460121	101-R	2" X 1-1/2" C X C	10/100
Flush Bushings			
460244	119	1/2" X 1/4" FTG X C	50/1000
460242	119	3/4" X 1/2" FTG X C	50/500
460243	119	1" X 3/4" FTG X C	25/250
460248	119	1-1/4" X 1" FTG X C	25/250
460250	119	1-1/2" X 1-1/4" FTG X C	20/200
460254	119	2" X 1-1/2" FTG X C	5/50
Unions			
460234	102	1/2" C X C	25/250
460235	102	3/4" C X C	25/250
460236	102	1" C X C	10/100
460237	102	1-1/4" C X C	5/50
460238	102	1-1/2" C X C	5/50
460239	102	2" C X C	1/25

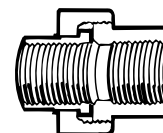
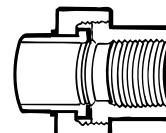


Copper Fittings

PFS Number	Mfg. Number	Description	Box/Master	
Male Adapters				
460152	104	1/4" C X MIP	50/1000	
460153	104	3/8" C X MIP	50/500	
460154	104	1/2" C X MIP	50/500	
460155	104	3/4" C X MIP	25/250	
460156	104	1" C X MIP	20/200	
460157	104	1-1/4" C X MIP	10/100	
460158	104	1-1/2" C X MIP	10/100	
460159	104	2" C X MIP	5/50	
460160	104	2-1/2" C X MIP	4/40	
460174	104-2	1/2" FTG X MIP	50/500	
460175	104-2	3/4" FTG X MIP	25/250	
Male Adapters - Reducing				
460161	104-R	1/2" X 3/4" C X MIP	25/250	
460162	104-R	3/4" X 1/2" C X MIP	25/250	
Female Adapters				
460182	103	1/4" C X FIP	50/1000	
460183	103	3/8" C X FIP	50/500	
460184	103	1/2" C X FIP	50/500	
460185	103	3/4" C X FIP	25/250	
460186	103	1" C X FIP	20/200	
460187	103	1-1/4" C X FIP	10/100	
460188	103	1-1/2" C X FIP	10/100	
460189	103	2" C X FIP	5/50	
460201	103	2-1/2" C X FIP	2/20	
Female Adapters - Reducing				
460192	103-R	3/8" X 1/4" C X FIP	50/1000	
460199	103-R	1/2" X 1/4" C X FIP	50/500	
460190	103-R	1/2" X 3/4" C X FIP	25/250	
460191	103-R	3/4" X 1/2" C X FIP	25/250	
460194	103-R	1" X 1/2" C X FIP	10/100	
460195	103-R	1" X 3/4" C X FIP	25/250	
Female Fitting Adapters				
460204	103-2	1/2"	50/500	
460205	103-2	3/4"	25/250	
460209	103-2R	1/2" X 3/8"	50/500	
Female Street Adapter (Cast)				
460213	4703-2	3/4" X 1/2"	25/225	
Cross				
460096		1" C X C X C X C	6/48	

Dielectric Fittings and Copper Pipe

PFS Number	Mfg. Number	Description	Box/Master
<p>DIELECTRIC FITTINGS Used to separate/insulate piping systems that are made of dissimilar materials. Fittings create a non-conductive break between the two dissimilar metals, preventing electrolysis and corrosion. Unions - Type W for copper x threaded joints. Brass on one side, galvanized iron on the other.</p>			
458004	3001	1/2" C X 1/2" FIP	25
458005	3001	3/4" C X 3/4" FIP	40
458054	3002	1/2" C X 3/4" FIP	40
458006		1" C X 1" FIP	10
<p>Unions - Type K For threaded x threaded joints. Brass on one side, cadmium steel on the other.</p>			
458104	3003	1/2" FIP	144
458105	3003	3/4" FIP	144
458106	3003	1" FIP	50
<p>Copper Straps</p>			
462402		1/4" DOUBLE	100/2000
462403		3/8" DOUBLE	100/2000
462404		1/2" DOUBLE	100/2000
462405		3/4" DOUBLE	100/1000
462406		1" DOUBLE	100/1000
462407		1-1/4" DOUBLE	50/500
462408		1-1/2" DOUBLE	50/500
462409		2" DOUBLE	100/800



Copper Pipe

PFS Number	Mfg. Number	Description	Box/Master
COPPER PIPE - Type M			
For interior use. Ordered by the foot.			
463274*		1/2" X 10' - TYPE M	25
463275*		3/4" X 10' - TYPE M	15
463276*		1" X 10' - TYPE M	5
463204		1/2" X 20' - TYPE M	500
463205		3/4" X 20' - TYPE M	300
463206		1" X 20' - TYPE M	100
463207		1-1/4" X 20' - TYPE M	100
463208		1-1/2" X 20' - TYPE M	100
463209		2" X 20' - TYPE M	100
*Ordered by the piece			
COPPER PIPE - Type L			
For exterior or buried use. Ordered by the foot.			
463284*		1/2" X 10' - TYPE L	25
463285*		3/4" X 10' - TYPE L	15
463286*		1" X 10' - TYPE L	5
463287		1-1/4" X 10' - TYPE L	5
463288		1-1/2" X 10' - TYPE L	5
463289		2" X 10' - TYPE L	3
463194		1/2" X 20' - TYPE L	500
463195		3/4" X 20' - TYPE L	300
463196		1" X 20' - TYPE L	100
463197		1-1/4" X 20' - TYPE L	100
463198		1-1/2" X 20' - TYPE L	100
463199		2" X 20' - TYPE L	100
*Ordered by the piece			

