

# COPPER FITTINGS



Sweat Coupling



Sweat Red. Coupling



No - Stop Coupling



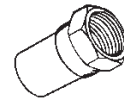
Repair Coupling



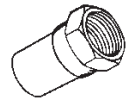
Fitting Reducer



Reducing Bushing



Female Adapter



Reducing Fe. Adapter

DESCRIPTION	ITEM	QTY	DESCRIPTION	ITEM	QTY
<b>COUPLING • Sweat x Sweat</b>			<b>REPAIR COUPLING • Slides over broken pipe to repair leak</b>		
1/8"	18-0500	100	1/2" x 12"	18-0702	10
1/8" Carded	18-0501	6	3/4" x 12"	18-0706	10
1/4"	18-0510	50	<b>FITTING REDUCER • Fitting x Sweat Copper Tube Size</b>		
1/4" Carded	18-0511	6	3/4" x 1/2"	18-0850	25
3/8"	18-0520	25	1" x 1/2"	18-0860	25
3/8" Carded	18-0521	6	1" x 3/4"	18-0862	10
1/2"	18-0530	100	1-1/4" x 3/4"	18-0872	10
3/4"	18-0550	50	1-1/4" x 1"	18-0874	10
1"	18-0560	10	1-1/2" x 3/4"	18-0882	10
1-1/4"	18-0570	5	1-1/2" x 1"	18-0884	10
1-1/2"	18-0580	10	1-1/2" x 1-1/4"	18-0886	10
2"	18-0590	1	2" x 1-1/2"	18-0898	1
<b>REDUCING COUPLING • Sweat x Sweat</b>			<b>FEMALE ADAPTER • Sweat x FIP</b>		
1/4" x 1/8"	18-0610	50	1/8" x 1/8"	18-0900	100
1/4" x 1/8" Carded	18-0611	6	1/8" x 1/8" Carded	18-0901	6
3/8" x 1/4"	18-0620	50	1/4" x 1/4"	18-0910	50
3/8" x 1/4" Carded	18-0621	6	1/4" x 1/4" Carded	18-0911	6
1/2" x 1/4"	18-0624	50	3/8" x 3/8"	18-0920	50
1/2" x 1/4" Carded	18-0625	6	3/8" x 3/8" Carded	18-0921	6
1/2" x 3/8"	18-0630	10	1/2" x 1/2"	18-0930	25
1/2" x 3/8" Carded	18-0631	6	3/4" x 3/4"	18-0950	10
3/4" x 1/2"	18-0650	25	1" x 1"	18-0960	10
1" x 1/2"	18-0660	25	1-1/4"	18-0970	10
1" x 3/4"	18-0662	10	1-1/2"	18-0980	10
1-1/4" x 1/2"	18-0670	10	2"	18-0990	5
1-1/4" x 3/4"	18-0672	10	<b>REDUCING FE ADAPTER • Sweat x FIP</b>		
1-1/4" x 1"	18-0674	10	1/4" x 1/8"	18-1010	100
1-1/2" x 1/2"	18-0680	10	1/2" x 1/4"	18-1030	50
1-1/2" x 3/4"	18-0682	10	1/2" x 3/8"	18-1032	50
1-1/2" x 1"	18-0684	10	1/2" x 3/4"	18-1034	25
1-1/2" x 1-1/4"	18-0686	10	3/4" x 1/2"	18-1050	25
2" x 3/4"	18-0690	10	3/4" x 1"	18-1052	25
2" x 1"	18-0692	10	1" x 1/2"	18-1060	25
2" x 1-1/4"	18-0694	10	1" x 3/4"	18-1062	25
2" x 1-1/2"	18-0698	10	2" x 1-1/2"	18-1098	5
<b>NO - STOP COUPLING • Sweat x Sweat</b>			<b>REDUCING FLUSH BUSHING • FTG x F</b>		
1/2"	18-0730	100	1/2" x 1/8"	18-1020	100
3/4"	18-0750	50			
1"	18-0760	25			
1-1/4"	18-0770	25			
1-1/2"	18-0780	10			
2"	18-0790	1			

04/01/05



# COPPER FITTINGS



Fitting Female Adapter



Male Adapter



Red. Male Adapter



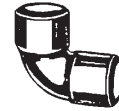
Male Fitting Adapter



45° Elbow



45° Street Elbow



90° Elbow



90° Reducing Elbow

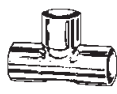
DESCRIPTION	ITEM	QTY	DESCRIPTION	ITEM	QTY
<b>FITTING FEMALE ADAPTER • Fitting (Copper Pipe Size) x FIP</b>			<b>45° ELBOW • Sweat x Sweat</b>		
1/2" x 1/2"	18-1130	50	1/8"	18-1500	50
3/4" x 3/4"	18-1150	25	1/8" Carded	18-1501	6
			1/4"	18-1510	50
			1/4" Carded	18-1511	6
			3/8"	18-1520	10
			3/8" Carded	18-1521	6
			1/2"	18-1530	25
			3/4"	18-1550	25
			1"	18-1560	25
			1-1/4"	18-1570	10
			1-1/2"	18-1580	10
			2"	18-1590	10
<b>MALE ADAPTER • Sweat x MIP</b>			<b>45° STREET ELBOW • Sweat x Fitting</b>		
1/8"	18-1200	100	1/2"	18-1630	50
1/8" Carded	18-1201	6	3/4"	18-1650	25
1/4"	18-1210	50	1"	18-1660	25
1/4" Carded	18-1211	6	1-1/4"	18-1670	10
3/8"	18-1220	25	1-1/2"	18-1680	10
3/8" Carded	18-1221	6	2"	18-1690	5
1/2"	18-1230	50			
3/4"	18-1250	25			
1"	18-1260	10			
1-1/4"	18-1270	10			
1-1/2"	18-1280	5			
2"	18-1290	1			
<b>REDUCING MALE ADAPTER • Sweat x MIP</b>			<b>90° ELBOW • Sweat x Sweat</b>		
1/4" x 1/8"	18-1310	50	1/8"	18-1700	50
3/8" x 1/4"	18-1320	50	1/8" Carded	18-1701	6
3/8" x 1/2"	18-1325	25	1/4"	18-1710	25
1/2" x 3/8"	18-1330	50	1/4" Carded	18-1711	6
1/2" x 3/4"	18-1334	25	3/8"	18-1720	25
3/4" x 1/2"	18-1350	25	3/8" Carded	18-1721	6
1" x 1/2"	18-1360	25	1/2"	18-1730	100
1" x 3/4"	18-1362	10	3/4"	18-1750	25
1-1/4" x 1"	18-1374	10	1"	18-1760	10
1-1/2" x 1-1/4"	18-1386	10	1-1/4"	18-1770	10
			1-1/2"	18-1780	10
			2"	18-1790	10
<b>MALE FITTING ADAPTER • Fitting x MIP</b>			<b>90° REDUCING ELBOW • Sweat x Sweat</b>		
1/2"	18-1430	50	3/4" x 1/2"	18-1850	50
3/4"	18-1450	50	1" x 1/2"	18-1860	25
			1" x 3/4"	18-1862	25
			1-1/4" x 1"	18-1874	20
			1-1/2" x 1-1/4"	18-1886	5
			2" x 1-1/2"	18-1898	5



# COPPER FITTINGS



90° Street Elbow



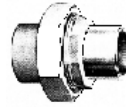
Tee



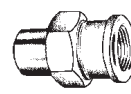
Reducing Tee



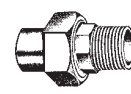
Cap



Union



Female Union



Male Union

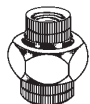


Hanger Hi-Ear

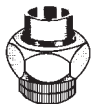
DESCRIPTION	ITEM	QTY	DESCRIPTION	ITEM	QTY
<b>90° STREET ELBOW • Sweat x Fitting</b>			<b>CAP • Sweat</b>		
1/8"	18-2000	50	1/8"	18-2400	50
1/4"	18-2010	50	1/8" Carded	18-2401	6
3/8"	18-2020	50	1/4"	18-2410	50
1/2"	18-2030	25	1/4" Carded	18-2411	6
3/4"	18-2050	25	3/8"	18-2420	25
1"	18-2060	25	3/8" Carded	18-2421	6
1-1/4"	18-2070	25	1/2"	18-2430	25
1-1/2"	18-2080	10	3/4"	18-2450	25
2"	18-2090	10	1"	18-2460	10
<b>TEE • Sweat x Sweat x Sweat</b>			1-1/4"	18-2470	5
1/8"	18-2100	100	1-1/2"	18-2480	25
1/8" Carded	18-2101	6	2"	18-2490	100
1/4"	18-2110	50	<b>UNION • Sweat x Sweat</b>		
1/4" Carded	18-2111	6	1/4"	18-2510	25
3/8"	18-2120	25	1/4" Carded	18-2511	6
3/8" Carded	18-2021	6	3/8"	18-2520	25
1/2"	18-2130	50	3/8" Carded	18-2521	6
3/4"	18-2150	25	1/2"	18-2530	10
1"	18-2160	10	3/4"	18-2550	10
1-1/4"	18-2170	5	1"	18-2560	10
1-1/2"	18-2180	5	1-1/4"	18-2570	5
2"	18-2190	5	1-1/2"	18-2580	5
<b>TEE • Sweat x Sweat x Sweat</b>			2"	18-2590	1
1/2" x 1/2" x 3/4"	18-2230	25	<b>UNION • Sweat x FIP</b>		
3/4" x 1/2" x 1/2"	18-2250	10	1/2"	18-4130	10
3/4" x 1/2" x 3/4"	18-2252	10	3/4"	18-4150	15
3/4" x 3/4" x 1/2"	18-2254	10	1"	18-4160	10
3/4" x 3/4" x 1"	18-2256	10	1-1/4"	18-4170	5
1" x 1" x 1/2"	18-2260	5	1-1/2"	18-4180	1
1" x 1" x 3/4"	18-2262	5	2"	18-4190	1
1" x 3/4" x 1"	18-2264	10	<b>UNION • Sweat x MIP</b>		
1-1/4" x 1-1/4" x 1/2"	18-2270	5	1/2"	18-4230	25
1-1/4" x 1-1/4" x 3/4"	18-2272	5	3/4"	18-4250	10
1-1/4" x 1-1/4" x 1"	18-2274	5	1"	18-4260	10
1-1/2" x 1-1/2" x 1/2"	18-2280	5	<b>HANGER • HI-EAR</b>		
1-1/2" x 1-1/2" x 3/4"	18-2282	5	1/2"	18-4030	100
1-1/2" x 1-1/2" x 1"	18-2284	5	3/4"	18-4050	50
1-1/2" x 1-1/2" x 1-1/4"	18-2286	5			
2" x 2" x 1-1/2"	18-2298	5			



# COPPER FITTINGS



Threaded  
Union



Thread x  
Sweat  
Union



Male x  
Sweat  
Union



Rubber  
Washer



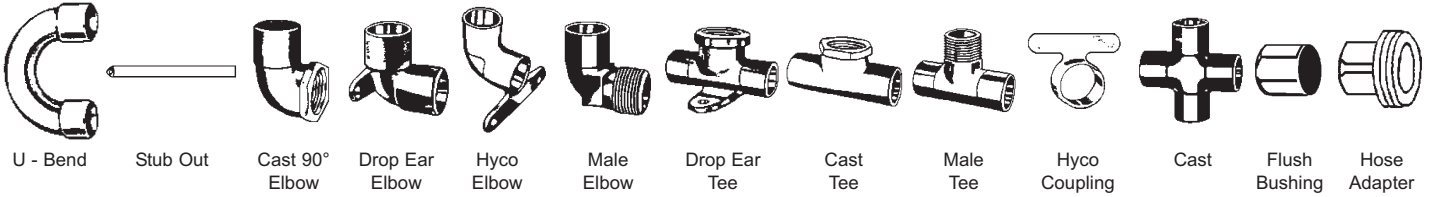
Plastic  
Washer

DESCRIPTION	ITEM	QTY	DESCRIPTION	ITEM	QTY
<b>DIELECTRIC UNIONS</b>			<b>DIELECTRIC UNIONS CONTINUED</b>		
<b>MODEL EA • Female Iron Pipe x Female Brass Pipe</b>			<b>MODEL FXS • Female Brass Pipe x Copper Sweat</b>		
1/2"	18-4430	12	1/2"	18-5230	12
3/4"	18-4450	12	3/4"	18-5250	12
3/4" Carded	17-9299	6	1"	18-5260	12
1"	18-4460	12	1/2" x 3/8"	18-5330	12
1-1/4"	18-4470	1	3/4" x 1/2"	18-5350	12
1-1/2"	18-4480	1			
2"	18-4490	1			
3/4" x 1/2"	18-4550	12			
<b>MODEL FX • Female Iron Pipe x Copper Sweat</b>			<b>MODEL EAS • Female Brass Pipe x Female Brass Pipe</b>		
1/2"	18-4630	12	1/2"	18-5430	12
3/4"	18-4650	12	3/4"	18-5450	12
3/4" Carded	17-9297	6	3/4" x 1/2"	18-5550	12
1"	18-4660	12			
1-1/4"	18-4670	1			
1-1/2"	18-4680	1			
2"	18-4690	1			
3/4" x 1/2"	18-4750	12			
<b>MODEL HA • Female Iron Pipe x Female Iron Pipe</b>			<b>MODEL FB • Male Iron Pipe x Copper Sweat</b>		
1/2"	18-4830	12	3/4" x 1/2"	18-5750	12
3/4"	18-4850	12			
1"	18-4860	12			
1-1/2"	18-4880	1			
3/4" x 1/2"	18-4950	12			
<b>MODEL HBA • Female Black Pipe x Female Black Pipe</b>			<b>DIELECTRIC UNIONS WASHERS</b>		
3/4"	18-5150	12	<b>RUBBER WASHERS</b>		
1"	18-5152	12	1/2" FX	18-5830	10
			3/4" FX	18-5850	10
			3/4" EA	18-5855	10
			1" FX	18-5860	10
			1" EA	18-5865	10
			3/4" x 1/2" EA	18-5870	10
			<b>PLASTIC WASHERS</b>		
			1/2" FX	18-5930	10
			3/4" FX or 1/2" EA	18-5950	10
			1" FX or 3/4" EA	18-5960	10
			1-1/4" FX or 1" EA	18-5962	10





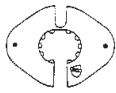
# COPPER FITTINGS



DESCRIPTION	ITEM	QTY	DESCRIPTION	ITEM	QTY
<b>U - BEND • Sweat x Sweat</b>			<b>DROP EAR TEE • Sweat x Sweat x Sweat</b>		
1/2"	18-2630	25	1/2"	18-3430	25
3/4"	18-2650	10	3/4"	18-3450	10
1"	18-2670	10	<b>DROP EAR TEE • Sweat x Sweat x FIP</b>		
<b>COPPER STUB OUT</b>			1/2"	18-3530	25
1/2" x 6"	18-2690	100	3/4"	18-3550	10
<b>CAST 90° ELBOW • Sweat x FIP</b>			<b>CAST TEE • Sweat x Sweat x FIP</b>		
1/2"	18-2730	50	1/2"	18-3630	25
3/4"	18-2750	50	3/4"	18-3650	10
1"	18-2760	10	1"	18-3660	10
1-1/4"	18-2770	10	1-1/4"	18-3670	5
1-1/2"	18-2780	5	1-1/2"	18-3680	1
2"	18-2790	1	2"	18-3690	1
1/2" x 3/4"	18-2830	25	1/2" x 1/2" x 1/8"	18-3710	25
3/4" x 1/2"	18-2850	25	1/2" x 1/2" x 3/4"	18-3730	25
<b>DROP EAR 90° ELBOW • Sweat x FIP</b>			3/4" x 1/2" x 1/2"	18-3750	25
1/2"	18-2930	10	3/4" x 3/4" x 1/2"	18-3754	25
3/4"	18-2950	20	1" x 1" x 1/2"	18-3760	10
1"	18-2960	10	1" x 1" x 3/4"	18-3762	10
<b>DROP EAR 90° ELBOW • Sweat x Sweat</b>			1-1/4" x 1-1/4" x 1/2"	18-3770	10
1/2"	18-3230	25	<b>CAST SERVICE TEE • Sweat x FIP x Sweat</b>		
3/4"	18-3250	10	3/4"	18-3340	25
<b>HYCO ELBOW • Sweat x FIP</b>			3/4" x 1/2" x 3/4"	18-3350	25
1/2"	18-3030	25	1" x 3/4" x 1"	18-3352	10
<b>HYCO ELBOW • Sweat x Sweat</b>			<b>MALE TEE • Sweat x Sweat x MIP</b>		
1/2"	18-3330	25	1/2"	18-3830	25
<b>MALE ELBOW • Sweat x MIP</b>			<b>HYCO COUPLING • Sweat x Sweat</b>		
1/2"	18-3130	30	1/2"	18-3930	100
3/4"	18-3150	5	3/4"	18-3950	50
1"	18-3160	10	<b>CAST • Sweat x Sweat x Sweat x Sweat</b>		
1-1/4"	18-3170	10	1/2"	18-4330	25
1-1/2"	18-3180	5	3/4"	18-4350	10
2"	18-3190	1	<b>FLUSH BUSHING</b>		
			3/4" x 1/2"	18-4370	50
			1" x 3/4"	18-4372	50
			<b>HOSE ADAPTER • Sweat x Male Hose</b>		
			1/2" x 3/4" Hose	18-6192	25



# COPPER FITTINGS



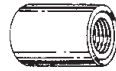
Copper Pipe Insulator



Nylon Bushing



Nylon Face Bushing



Insulating Coupling



Steel x Nylon Inside



Plastic with Heat Trap



Steel with Heat Trap

DESCRIPTION	ITEM	QTY	DESCRIPTION	ITEM	QTY
<b>COPPER PIPE INSULATOR • Drill 1-3/8" Hole</b>			<b>INSULATING COUPLING • Steel Cover • Nylon Inside</b>		
1/2" Nominal tube size	18-6020	50	1/2"	18-6130	12
3/4" Nominal tube size	18-6022	50	3/4"	18-6150	12
1" Nominal tube size	18-6024	25	1"	18-6160	12
<b>NYLON BUSHING • Dielectric • MIP x FIP</b>			1-1/4"	18-6170	6
3/4" x 1/2"	18-6050	25	1-1/2"	18-6180	6
1" x 3/4"	18-6062	25	2"	18-6190	6
1-1/4" x 1"	18-6074	25	<b>DIELECTRIC NIPPLES • For Water Heaters 3/4" MIP x 3"</b>		
1-1/2" x 1-1/4"	18-6086	25	Steel x Nylon Inside	40-0906	10
2" x 1-1/2"	18-6096	10	1 Pair Carded	40-0907	6
<b>NYLON FACE BUSHING • MIP x FIP</b>			Plastic with Heat Trap	40-0990	10
3/4" x 1/2"	18-6052	10	1 Pair Carded	40-0991	6
			Steel with Heat Trap	40-1000	10



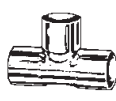
90° EII



90° LT EII



45° EII



Tee



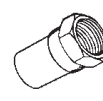
Coupling



Reducing Coupling



Male Adapter



Female Adapter



Cap

DESCRIPTION	ITEM	QTY	DESCRIPTION	ITEM	QTY
<b>NOMINAL COPPER FITTINGS • For use on Refrigeration Tubing</b>			<b>NOMINAL COPPER FITTINGS • For use on Refrigeration Tubing</b>		
5/8" C x C 90° EII	18-7000	10	5/8" C x 1/2" C Red Coupling	18-7024	10
5/8" C x C 90° LT EII	18-7002	10	3/4" C x 5/8" C Red Coupling	18-7026	10
5/8" C x C 45° EII	18-7006	10	5/8" C x 3/4" MIP Adapter	18-7030	10
5/8" C x C x C Tee	18-7010	10	5/8" C x 3/4" FIP Adapter	18-7032	10
5/8" C x C Coupling	18-7020	10	5/8" C Cap	18-7050	10

