

45 DEGREE HEAVY DUTY

MALE CONNECTOR



Catalog No.s	Tube O.D.	Pipe Thread
PHF-MC 0302	3/16"	1/8"
PHF-MC 0402	1/4"	1/8"
PHF-MC 0404	1/4"	1/4"
PHF-MC 0406	1/4"	3/8"
PHF-MC 0408	1/4"	1/2"
PHF-MC 0502	5/16"	1/8"
PHF-MC 0504	5/16"	1/4"
PHF-MC 0506	5/16"	3/8"
PHF-MC 0602	3/8"	1/8"
PHF-MC 0604	3/8"	1/4"
PHF-MC 0606	3/8"	3/8"
PHF-MC 0608	3/8"	1/2"
PHF-MC 0612	3/8"	3/4"
PHF-MC 0802	1/2"	1/8"
PHF-MC 0804	1/2"	1/4"
PHF-MC 0806	1/2"	3/8"
PHF-MC 0808	1/2"	1/2"
PHF-MC 0812	1/2"	3/4"
PHF-MC 1004	5/8"	1/4"
PHF-MC 1006	5/8"	3/8"
PHF-MC 1008	5/8"	1/2"
PHF-MC 1012	5/8"	3/4"
PHF-MC 1208	3/4"	1/2"
PHF-MC 1212	3/4"	3/4"

FEMALE CONNECTOR



Catalog No.s	Tube O.D.	Pipe Thread
PHF-FC 0302	3/16"	1/8"
PHF-FC 0402	1/4"	1/8"
PHF-FC 0404	1/4"	1/4"
PHF-FC 0406	1/4"	3/8"
PHF-FC 0502	5/16"	1/8"
PHF-FC 0504	5/16"	1/4"
PHF-FC 0602	3/8"	1/8"
PHF-FC 0604	3/8"	1/4"
PHF-FC 0606	3/8"	3/8"
PHF-FC 0608	3/8"	1/2"
PHF-FC 0804	1/2"	1/4"
PHF-FC 0806	1/2"	3/8"
PHF-FC 0808	1/2"	1/2"
PHF-FC 1006	5/8"	3/8"
PHF-FC 1008	5/8"	1/2"
PHF-FC 1012	5/8"	3/4"
PHF-FC 1208	3/4"	1/2"
PHF-FC 1212	3/4"	3/4"

FEMALE COUPLING



Catalog No.s	Tube O.D.	Pipe Thread
PHF-FC 0402	1/4"	1/8"
PHF-FC 0404	1/4"	1/4"
PHF-FC 0604	3/8"	1/4"
PHF-FC 0806	1/2"	3/8"

MALE ELBOW



Catalog No.s	Tube O.D.	Pipe Thread
PHF-ME 0302	3/16"	1/8"
PHF-ME 0402	1/4"	1/8"
PHF-ME 0404	1/4"	1/4"
PHF-ME 0406	1/4"	3/8"
PHF-ME 0502	5/16"	1/8"
PHF-ME 0504	5/16"	1/4"
PHF-ME 0506	5/16"	3/8"
PHF-ME 0602	3/8"	1/8"
PHF-ME 0604	3/8"	1/4"
PHF-ME 0606	3/8"	3/8"
PHF-ME 0608	3/8"	1/2"
PHF-ME 0612	3/8"	3/4"
PHF-ME 0804	1/2"	1/4"
PHF-ME 0806	1/2"	3/8"
PHF-ME 0808	1/2"	1/2"
PHF-ME 0812	1/2"	3/4"
PHF-ME 1006	5/8"	3/8"
PHF-ME 1008	5/8"	1/2"
PHF-ME 1012	5/8"	3/4"
PHF-ME 1208	3/4"	1/2"
PHF-ME 1212	3/4"	3/4"

FEMALE ELBOW

Catalog No.s	Tube O.D.	Pipe Thread
PHF-FE 0302	3/16"	1/8"
PHF-FE 0402	1/4"	1/8"
PHF-FE 0404	1/4"	1/4"
PHF-FE 0406	1/4"	3/8"
PHF-FE 0502	5/16"	1/8"
PHF-FE 0504	5/16"	1/4"
PHF-FE 0602	3/8"	1/8"
PHF-FE 0604	3/8"	1/4"
PHF-FE 0606	3/8"	3/8"
PHF-FE 0806	1/2"	3/8"
PHF-FE 0808	1/2"	1/2"
PHF-FE 1006	5/8"	3/8"
PHF-FE 1008	5/8"	1/2"
PHF-FE 1208	3/4"	1/2"

MALE BRANCH TEE

Catalog No.s	Tube O.D.	Pipe Thread
PHF-MBT 0302	3/16"	1/8"
PHF-MBT 0402	1/4"	1/8"
PHF-MBT 0404	1/4"	1/4"
PHF-MBT 0502	5/16"	1/8"
PHF-MBT 0504	5/16"	1/4"
PHF-MBT 0604	3/8"	1/4"
PHF-MBT 0606	3/8"	3/8"
PHF-MBT 0804	1/2"	1/4"
PHF-MBT 0806	1/2"	3/8"
PHF-MBT 0808	1/2"	1/2"
PHF-MBT 1008	5/8"	1/2"
PHF-MBT 1208	3/4"	1/2"
PHF-MBT 1212	3/4"	3/4"

MALE RUN TEE

Catalog No.s	Tube O.D.	Pipe Thread
PHF-MRT 0302	3/16"	1/8"
PHF-MRT 0402	1/4"	1/8"
PHF-MRT 0404	1/4"	1/4"
PHF-MRT 0502	5/16"	1/8"
PHF-MRT 0504	5/16"	1/4"
PHF-MRT 0604	3/8"	1/4"
PHF-MRT 0606	3/8"	3/8"
PHF-MRT 0806	1/2"	3/8"
PHF-MRT 0808	1/2"	1/2"
PHF-MRT 1008	5/8"	1/2"
PHF-MRT 1208	3/4"	1/2"

CROSS

Catalog No.s	Tube O.D.
PHF-C 04	1/4"
PHF-C 06	3/8"
PHF-C 08	1/2"
PHF-C 10	5/8"

UNION

Catalog No.s	Tube O.D.
PHF-U 03	3/16"
PHF-U 04	1/4"
PHF-U 05	5/16"
PHF-U 06	3/8"
PHF-U 08	1/2"
PHF-U 10	5/8"
PHF-U 12	3/4"

FLARE TO SOLDER UNION

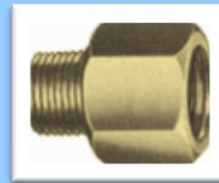
Catalog No.s	Flare End	Solder End
PHF-FSU 0404	1/4"	1/4"
PHF-FSU 0406	1/4"	3/8"
PHF-FSU 0606	3/8"	3/8"
PHF-FSU 0608	3/8"	1/2"
PHF-FSU 0808	1/2"	1/2"
PHF-FSU 0810	1/2"	5/8"
PHF-FSU 1010	5/8"	5/8"

REDUCING UNION



Catalog No.s	Tube O.D.
PHF-RU 04-03	1/4" X 3/16"
PHF-RU 05-04	5/16" X 1/4"
PHF-RU 06-04	3/8" X 1/4"
PHF-RU 06-05	3/8" X 5/16"
PHF-RU 08-04	1/2" X 1/4"
PHF-RU 08-06	1/2" X 3/8"
PHF-RU 10-06	5/8" X 3/8"
PHF-RU 10-08	5/8" X 1/2"
PHF-RU 12-08	3/4" X 1/2"

FEMALE UNION



Catalog No.s	Tube O.D.
PHF-FU 03	3/16"
PHF-FU 04	1/4"
PHF-FU 05	5/16"
PHF-FU 06	3/8"
PHF-FU 08	1/2"
PHF-FU 10	5/8"
PHF-FU 12	3/4"

REDUCER



Catalog No.s	Tube O.D.
PHF-R 03-04	3/16" X 1/4"
PHF-R 04-03	1/4" X 3/16"
PHF-R 04-05	1/4" X 5/16"
PHF-R 04-06	1/4" X 3/8"
PHF-R 04-08	1/4" X 1/2"
PHF-R 05-04	5/16" X 1/4"
PHF-R 05-06	5/16" X 3/8"
PHF-R 06-04	3/8" X 1/4"
PHF-R 06-05	3/8" X 5/16"
PHF-R 06-08	3/8" X 1/2"
PHF-R 08-04	1/2" X 1/4"
PHF-R 08-06	1/2" X 3/8"
PHF-R 08-10	1/2" X 5/8"
PHF-R 08-12	1/2" X 3/4"
PHF-R 10-08	5/8" X 1/2"
PHF-R 10-12	5/8" X 3/4"
PHF-R 12-10	3/4" X 5/8"

UNION ELBOW



Catalog No.s	Tube O.D.
PHF-UE 03	3/16"
PHF-UE 04	1/4"
PHF-UE 05	5/16"
PHF-UE 06	3/8"
PHF-UE 08	1/2"
PHF-UE 10	5/8"
PHF-UE 12	3/4"

REDUCING UNION ELBOW



Catalog No.s	Tube O.D.
PHF-RUE 06-04	3/8" X 1/4"
PHF-RUE 08-04	1/2" X 1/4"
PHF-RUE 08-06	1/2" X 3/8"
PHF-RUE 10-08	5/8" X 1/2"
PHF-RUE 12-10	3/4" X 5/8"

FEMALE FLARE ELBOW



Catalog No.s	Tube O.D.
PHF-FFE 04	1/4"
PHF-FFE 06	3/8"
PHF-FFE 08	1/2"

FEMALE SWIVEL ELBOW



Catalog No.s	Tube O.D.
PHF-FSE 06	3/8"
PHF-FSE 08	1/2"
PHF-FSE 10	5/8"

UNION TEE



Catalog No.s	Tube O.D.
PHF-UT 03	3/16"
PHF-UT 04	1/4"
PHF-UT 05	5/16"
PHF-UT 06	3/8"
PHF-UT 08	1/2"
PHF-UT 10	5/8"
PHF-UT 12	3/4"

REDUCING UNION BRANCH TEE



Catalog No.s	Tube O.D.
PHF-TUBT 06-06-04	3/8" X 3/8" X 1/4"
PHF-TUBT 08-08-04	1/2" X 1/2" X 1/4"
PHF-TUBT 08-08-06	1/2" X 1/2" X 3/8"
PHF-TUBT 10-10-06	5/8" X 5/8" X 3/8"
PHF-TUBT 10-10-08	5/8" X 5/8" X 1/2"
PHF-TUBT 12-12-10	3/4" X 3/4" X 5/8"

REDUCING UNION RUN TEE



Catalog No.s	Tube O.D.
PHF-TURT 04-04-06	1/4" X 1/4" X 3/8"
PHF-TURT 06-06-08	3/8" X 3/8" X 1/2"

LONG FORGED NUT



Catalog No.s	Tube O.D.
PHF-LFN 04	1/4"
PHF-LFN 05	5/16"
PHF-LFN 06	3/8"
PHF-LFN 08	1/2"
PHF-LFN 10	5/8"
PHF-LFN 12	3/4"

SHORT FORGED NUT



Catalog No.s	Tube O.D.
PHF-SFN 03	3/16"
PHF-SFN 04	1/4"
PHF-SFN 05	5/16"
PHF-SFN 06	3/8"
PHF-SFN 08	1/2"
PHF-SFN 10	5/8"
PHF-SFN 12	3/4"

HEAVY SHORT FORGED NUT



Catalog No.s	Tube O.D.
PHF-HSFN 04	1/4"
PHF-HSFN 05	5/16"
PHF-HSFN 06	3/8"
PHF-HSFN 08	1/2"
PHF-HSFN 10	5/8"
PHF-HSFN 12	3/4"

LONG FORGED REDUCING NUT



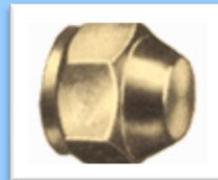
Catalog No.s	Tube O.D.
PHF-LFRN 04-03	1/4" X 3/16"
PHF-LFRN 05-04	5/16" X 1/4"
PHF-LFRN 06-04	3/8" X 1/4"
PHF-LFRN 06-05	3/8" X 5/16"
PHF-LFRN 08-06	1/2" X 3/8"
PHF-LFRN 10-08	5/8" X 1/2"

SHORT FORGED REDUCING NUT



Catalog No.s	Tube O.D.
PHF-SFRN 04-03	1/4" X 3/16"
PHF-SFRN 05-04	5/16" X 1/4"
PHF-SFRN 06-04	3/8" X 1/4"
PHF-SFRN 06-05	3/8" X 5/16"
PHF-SFRN 08-06	1/2" X 3/8"
PHF-SFRN 10-08	5/8" X 1/2"
PHF-SFRN 12-10	3/4" X 5/8"

CAP NUT



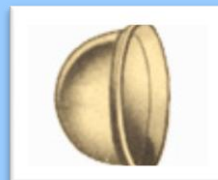
Catalog No.s	Tube O.D.
PHF-CN 03	3/16"
PHF-CN 04	1/4"
PHF-CN 05	5/16"
PHF-CN 06	3/8"
PHF-CN 08	1/2"
PHF-CN 10	5/8"
PHF-CN 12	3/4"

PLUG



Catalog No.s	Tube O.D.
PHF-P 03	3/16"
PHF-P 04	1/4"
PHF-P 05	5/16"
PHF-P 06	3/8"
PHF-P 08	1/2"
PHF-P 10	5/8"
PHF-P 12	3/4"

COPPER SEAL CAP



Catalog No.s	Tube O.D.
PHF-CSC 03	3/16"
PHF-CSC 04	1/4"
PHF-CSC 05	5/16"
PHF-CSC 06	3/8"
PHF-CSC 08	1/2"
PHF-CSC 10	5/8"
PHF-CSC 12	3/4"

COPPER FLARE GASKET



Catalog No.s	Tube O.D.
PHF-CFG 03	3/16"
PHF-CFG 04	1/4"
PHF-CFG 05	5/16"
PHF-CFG 06	3/8"
PHF-CFG 08	1/2"
PHF-CFG 10	5/8"
PHF-CFG 12	3/4"