









Approval Products for Fire Protection Piping Systems

COUPLINGS AND FITTINGS



Shurjoint Product/Model	Listing Approval Agency	Pipe Size Range Inches	Rated Working Pressure Pipe Wall – psi		Notes (See Coupling and Fitting Notes on page 13-14)	Pub. No.
			Standard	Light		

IPS Carbon Steel Grooved Couplings



#7705 Flexible Coupling 	UL	1"-8" 8" (7705H) 10"-12"	300 450 175	300 450 175	1, 2-1, 14, 15	C-01
	FM	1"-8" 8" (7705H) 10"-12"	300 450 250	300 450 250	2-2, 18, 19	
# 7707 Flexible Coupling 	UL	3/4"-1 1/4" 2"-8" 10"-16" 18"-24"	500 500 300 250	500 450 - -	1, 3-1, 14, 17	C-02
	FM	1 1/2"-10" 12" 14"-22" 24"	500 300 175 250	500 300 175 250	3-2, 18, 19	
#7771 Rigid Coupling 	UL	2"-8" 10"-12" 14"-20" 22"-24"	300 175 --- ---	300 175 300 250	1, 5-1,	C-05
	FM	1 1/2" 2"-8" 10" 12" 14"-24"	500 300 200 300 175	500 500 200 300 175	5-2,	
# Z07 Angle Pad Coupling 	UL	1 1/4"-4" 5"-8" 10" 12"	500 400 350 -	500 400 350 -	1, 8-1	C-06
	FM	1 1/4"-4" 5"-8" 10" 12"	500 400 350 350	500 400 350 350	8-2,	
#K9 Lightweight Rigid Coupling 	UL	1-1/4"-8" 8" (K-9H)	300 350	300 300	1, 4-1,	G-01
	FM	1-1/4"-8" 8" (K-9H)	300 300	300 300	4-2,	

#Z05 Angle Pad Rigid Coupling 	UL	1 1/4"-8"	350	350	1, 7-1	G-03
	FM	1 1/4"-8"	350	350	7-2	
#7706 Reducing Coupling 	UL	2" x 1-1/2" ~ 8" x 6"	300	300	1, 10-1	C-07
	FM	2" x 1-1/2" ~ 8" x 6"	300	300	10-2	
#R20 Rigid Coupling 	UL	1-1/4" -6"	300	300	1, 6-1	C-13
	FM	1-1/4"- 6"	300	300	6-2,	

IPS Carbon Steel Grooved Flanges


#7041 Flange - ANSI 125/150 	UL	2"-8"	175	175	1, 9-1	D-01
	FM	2" - 24"	175	175	9-2	
#7043 Flange - ANSI 300 	UL	2"-12"	300	300	1	D-03
	FM	2"-12"	300	300	-	








IPS Carbon Steel Hole Cut Products

#7721 Mech. Tee, Threaded Outlet 	UL	2" x 1/2"- 8" x 4"	300	300	1, 13	F-01
	FM	2" x 1/2"- 4" x 8" x 4"	300	300	--	
#7722 Mech. Tee, Grooved Outlet 	UL	3" x 1 1/2"- 8" x 4"	300	300	1, 13	F-02
	FM	3" x 1 1/2"- 8" x 4"	300	300	-	


#M21 Mech. Tee, Threaded Outlet 	UL	2" x 1/2"- 6" x 2-1/2" 4" x 3" 6" x 3"- 6" x 4"	300 175 175	300 175 175	22	F-07
	FM	2" x 1/2"- 6" x 2-1/2" 4" x 3" 6" x 3"- 6" x 4"	300 175 175	300 175 175	22	
#M22 Mech. Tee, Grooved Outlet 	UL	3" x 1 1/2"- 8" x 4"	300	300	23	F-08
	FM	2" x 1"- 6" x 6-1/2" 4" x 3" 6" x 3"- 6" x 4"	300 175 175	300 175 175	23	
#C-7T Outlet Couplings 	UL	1-1/2" x 1/2"- 6" x 1-1/2"	300	300	1	C-10
	FM	1-1/2" x 1/2"- 6" x 1-1/2"	300	300	-	
#C-7G Outlet Couplings 	UL	2" x 1" 6" x 2"	300	300	1,	C-10
	FM	2" x 1" 6" x 2"	300	300	-	
#723 Saddle Let 	UL	1 1/4" x 1/2"- 3" x 1"	300	300	1, 12-1,	F-03
	FM	1 1/4" x 1/2"- 3" x 1"	300	300	12-2	

IPS Carbon Steel Grooved Fittings

#901 Short Radius 90° Elbow 	UL	2"-8"	300	300	1,	G-02
	FM	2"-8"	300	300	--	


#903 Short Radius Tee 	UL	2"-8"	300	300	1,	G-02
	FM	2"-8"	300	300	--	
#7110 90° Elbow 	UL	1" – 18"	300	300	1	E-02
		20" – 24"	250	250		
	FM	1" – 8"	500	500	--	
		10" – 12" 14"-18", 24" 20"	300 175 250	300 175 250		
#7111 45° Elbow 	UL	1-1/4"-18"	300	300	1,	E-02
		20", 24"	250	250		
	FM	1-1/4"-8"	500	500	--	
		10" -12: 14"- 18", 24" 20"	300 175 250	300 175 250		
#7110DR Drain Elbow 	UL	2"-6"	300	300	1,	G-05
	FM	2"-6"	300	300	--	
#7110LR 1.5D Elbows 	UL	2" – 8"	300	300	1	E-04
	FM	2" – 8"	300	300	--	
#7112 22-1/2° Elbow 	UL	1-1/4"	500	500	1	E-04
		1-1/2"- 8"	300	300		
#7113 11-1/4° Elbow 	UL	2" – 8"	300	300	1	E-02
	FM	2" – 8"	300	300	--	

#7120 Tee 	UL	1-1/4" – 18" 20" – 24"	300 250	300 250	1	E-05
	FM	1-1/4" – 8" 10" – 14" 16"	500 300 175	500 300 175	--	
#7121 Reducing Tee 	UL	2" x 1-1/2" – 12" x 10"	300	300	1	E-06
	FM	2" x 1-1/2" – 6" x 4"	300	300	--	
#7125 Bull Head Tee 	UL	2" x 2-1/2" – 6" x 8"	300	300	1	G-05
	FM	2"x2"x2 1/2"- 4"x4"x6"	300	300	--	
#7127 Standpipe Tee 	UL	4" x 2 1/2"- 6"x2 1/2"	300	300	1,	G-05
	FM	4"x4"x2 1/2"-	300	300	--	
#7130 45 Laterals 	UL	2" – 8"	300	300	1	E-05
	FM	2" – 8"	300	300	--	
#7135 Crosses 	UL	2" – 8"	300	300	1	E-05
	FM	2" – 6"	300	300	--	

#7150 Concentric Reducers 	UL	2 x 1-1/2" – 18" x 16" 20" x 14" – 24" x 20"	300 250	300 250	1	E-07
	FM	2-1/2 x 2" – 8" x 6" 10" x 4" – 14" x 12"	300	300	--	
#7150F Reducing Socket Adapter 	UL	1 1/2"x1"- 6"x4"	300	300	1,	G-07
	FM	1 1/2"x1"- 4"x2-1/2"	300	300	--	
#7150M Reducing Nipple 	UL	1 1/2"x1"- 6"x4"	300	300	1,	G-07
	FM	1 1/2"x1"- 6"x4"	300	300	--	
#7151 Eccentric Reducers 	UL	2 1/2"x 2"- 8" x 6"	300	300	1,	E-07
	FM	2 1/2"x 2"- 8" x 6"	300	300	--	
# 7160 End Cap 	UL	1-1/4" -8"	300	300	1,	E-08
	FM	1-1/4" -12"	300	300	--	
# 7160H End Cap 	UL	10" - 18" 20" – 24"	300 250	300 250	1,	E-08
	FM	10" - 12" 14" – 24"	300 175	300 175	--	
#7160T Transition Fittings 	UL	2" x 1" – 6" x 2"	300	300	1,	G-08
	FM	2" x 1" – 6" x 2"	300	300	--	



#7170 Flange Adapter 	UL	2 1/2"-6"	175	175	1	D-04
	FM	2 1/2"-6"	175	175	--	
#7180 Universal Flange Adapters 	UL	2" - 8"	300	300	--	D-08
	FM	2" - 8"	175	175	21	
#55 Nipple Adapters 	UL	1 1/2" - 2"	300	300	1	G-07
	FM	1 1/2" - 2"	300	300	--	
#899 End All Fitting 	UL	1 1/4"x 1/2" - 2-1/2" x 1"	300	300	1,	G-06
	FM	1 1/4"x 1/2" - 2-1/2" x 1"	300	300		

IPS Carbon Steel Outlet Fittings

#71 Female Threaded Outlet Fitting 	UL	Outlet x Header 1/2" x 1"~8", 1" x 1 1/4"~8" 1 1/4" x 2" ~8" 1 1/2" x 2" ~8" 2" x 2" ~ 8" 2 1/2" x 2 1/2"~8" 2 1/2" (76.1)" x 2 1/2"~8" 3" x 3"~8" 4" x 4"~8"	300	300	1,	H-01
	FM	1/2", 3/4, 1" x 1"~8" 1 1/4", 1 1/2" x 2"~8" 2" x 2 1/2"~8" 2 1/2" x 3"~8" 3" x 4"~8" 4" x 5"~8"	300	300	--	



#72C Cut Grooved Outlet Fittings 	UL	2" x 2"-8" 2-1/2" x 2-1/2"~8" 3" x 3"~8" 4" x 4" ~ 8" 6" x 6" x 8" 8" x 8" x 10"	300	300	1,	H-02
	FM	2-1/2" x 3"~8 3" x 4"~8" 4" x 5"~8" 6" x 8" 8" x 10"	300	300	--	
#72R Roll Grooved Outlet Fittings 	UL	1-1/4" x 1-1/2"~8" 1-1/2" x 1-1/2"~8" 2" x 2"~ 8" 2-1/2" x 2-1/2"~8 3" x 3"~8" 4" x 4"~8"	300	300	1,	H-03
	FM	1-1/4" x 1-1/2"~8" 1-1/2" x 2"~8" 2" x 2-1/2"~8" 2-1/2" x 3"~8 3" x 4"~8" 4" x 5"~8"	300	300	--	
#74 Universal Threaded Outlet Fitting 	UL	1/2" x 1"~8" 3/4" x 1"~8" 1" x 1-1/4"~ 1-1/2" 1" x 2"~ 2-1/2" 1" x 3"~ 8"	300	300	1,	H-04
	FM	1/2" x 1"~8" 3/4" x 1"~8" 1" x 1-1/4"~ 1-1/2" 1" x 2"~ 2-1/2" 1" x 3"~ 8"	300	300	--	

Ductile Iron Fittings



#811 90° Elbow 	UL	1/2"- 2-1/2"	300	300	1	I-01
	FM	1/2"- 2-1/2"	300	300	--	
#812 Reducing 90° Elbow 	UL	3/4 " x 1/2" – 2-1/2" x 2"	300	300	1	I-01
	FM	3/4 " x 1/2" – 2-1/2" x 2"	300	300	--	

#813 45° Elbow 	UL	1/2" – 2-1/2"	300	300	1	I-01
	FM	1/2" – 2-1/2"	300	300	--	
#814 Straight Tee 	UL	1/2" – 2-1/2"	300	300	1	I-01
	FM	1/2" – 2-1/2"	300	300	--	
#815 Reducing Tee 	UL	3/4" – 2-1/2"	300	300	1	I-01
	FM	3/4"x3/4" x1/2" – 2-1/2"x2"x3/4"	300	300	--	
#816 Reducing Coupling 	UL	3/4"x1/2" – 2-1/2" x 2"	300	300	1	I-01
	FM	3/4" x 1/2" – 2" x 1-1/2"	300	300	--	
#817 Cross 	UL	1"– 2"	300	300	1	I-01
	FM	1/2"- 2" 1-1/4"x1" -2"x1"	300	300	--	
#818 Straight Coupling 	UL	1/2" – 2-1/2"	300	300	1	I-01
	FM	1/2" – 2-1/2"	300	300	--	



#819 Plug 	UL	1/2" – 2"	300	300	1	I-01
	FM	1/2" – 2"	300	300	--	
#820 Caps 	UL	1/2" – 2-1/2"	300	300	1,	I-01
	FM	1/2" – 2-1/2"	300	300	--	
#825 Extension Pieces 	UL	1/2" x 1-1/2" – 3/4" x 2"	300	300	1,	I-01
	FM	1/2" x 1-1/2"L – 3/4" x 2"L	300	300	--	
#827 Hex Bushing 	UL	1" x 1/2" ~ 2" x 1 1/2"	300	300	1,	I-01
	FM	1" x 3/4" – 2" x 1/2" 2"	300	300	--	
#830 Brass Seat Union 	UL	1/2" – 2"	300	300	1	I-01
	FM	1/2" – 2-1/2"	300	300	--	

#831 Long Street Elbow 	UL	1" x 1/2" – 1" x 1"	300	300	1,	I-01
	FM	1" x 1/2"M – 1" x 1"M	300	300	--	
#832 Long Street Tee 	UL	1" x 1/2" – 1" x 1"	300	300	1,	I-01
	FM	1" x 1/2"x1M – 1" x 1"x1M	300	300	--	


IPS Carbon Steel Flow Control Components

#726 Y-Strainer 	UL	2"-6" 8"-12"	300 175	300 175	1,	J-03
#RCV Riser Check Valve 	UL	2 1/2"- 6"	300	300	1,	G-13
	FM	2 1/2"- 6"	300	300	--	






Stainless Steel Grooved Couplings

#SS-7 Rigid Coupling 	UL	1 1/4"-8"	300	300	1, 20	K-01
	FM	1 1/4"-8"	300	300	--	
#SS-8 Flexible Coupling 	UL	1"-5" 6"	300 250	300 250	1,	K-03

Stainless Steel Grooved Flange

#SS-41 Flange 	UL	2"~6"	175	175	1,	K-08
	FM	2"~6"	175	175		

Stainless Steel Grooved Fittings

#SS-10 90° Elbow 	UL	1"-8"	300	300	1,	K-06
	FM	1"-8"	300	300	--	
#SS-11 45° Elbow 	UL	1"-8"	300		1,	K-06
	FM	1"-8"	300	300	--	
#SS-20 Tee 	UL	1"-8"	300	300	1,	K-06
	FM	1"-6"	300	300	--	
#SS-60 Cap 	UL	1"-8"	300	300	1,	K-06
	FM	1"-8"	300	300	--	
#SS-21 Reducing Tee 	UL	3"x2 1/2"- 4"x2 1/2"	300	300	1,	K-07
	FM	3"x2 1/2"- 4"x2 1/2"	300	300	--	

#SS-21F Reducing Tee 	UL	3"x2"- 4"x2"	300	300	1,	K-07
	FM	3"x2"- 4"x2"	300	300	--	
#SS-50 Concentric Reducer 	UL	3"x2-1/2" – 4"x2-1/2"	300	300	1,	K-07
	FM	2-1/2"x2-1/2" 3" x 2-1/2" 4"x2-1/2"	175	175	--	
#SS-50F Concentric Reducer 	UL	2-1/2"x 2" 3"x 2" 4"x2"	300	300	1,	K-07
	FM	2-1/2"x 2" 3"x 2" 4"x2"	175	175	--	
#SS-80 Flange Adapter 	UL	2" - 8"	300	300	1,	K-09
	FM	2" - 8"	300	300	--	
#SS-723 Mechanical Tee 	UL	1 1/4"x1/2"- 2"x1"	300	300	1,	K-10
	FM	1 1/4"x1/2"- 2"x1"	300	300	--	

Couplings and Fittings Notes

1. MEA Approved #322-06-E.

2. 2-1) **UL Listed at 300 psi on the following sizes & pipe.**

1-1/4"~4" on XL, XL-II pipe, Dyna-Flow, Super-Flo pipe manufactured by Allied Tube & Conduit Corp, 1-1/4"~6" on BS1387(M), British Standard Medium Steel pipe,

1-1/2"~3" on Eddy Flow pipe., 1-1/4"~2" on Eddylite pipe manufactured by Bull Moose Tube Co,

1-1/4"~2" on Fire-Line Threadable pipe manufactured by Western International Forest Products Inc.

UL Listed at 175 psi on the following sizes & pipes.

1-1/2"~3" on Eddy Flow Pipe manufactured by Bull Moose Tube Co,

1-1/4"~ 4" on Fire-Line Flow pipe manufactured by Western International Forest Products Inc.,

1-1/4"~2" & 3" on SPS pipe manufactured by Yieh Phui Enterprise Co., Ltd.

1-1/4"~ 3" on Sch. 5 pipe, 10" on Sch. 10 (0.188 in) pipe, 12" on Sch. 30 (0.330 in) pipe.

2-2) FM approved at 300 psi on the following sizes & pipes.

- 1-1/4"~6" on BS1387M or heavier grade pipe.
- 1"~4" on Dyna-Flow, Super-Flow (Allied) pipe
- 1"~2" & 3" on Super 40, Super-XL (Allied) pipe.
- 1"~3" on XL-II (Allied) pipe
- 1"~2" on BLT, Dyna Thread (American Tube), Fire-Thread, Eddylite (Bull Moose), TL (Central), LS pipe,
- 1-1/2"~4" on Eddy Flow (Bull Moose Tube) pipe
- 1-1/4" & 1-1/2" on Fire-Flow pipe

FM approved at 175 psi on the following sizes & pipes.

- 1"~2" on WST (Wheatland), Ultra Eddy (Bull Moose) pipe.

3. 3-1) UL Listed on the following sizes & pipe .

- At 500 psi in 2-1/2", 5"~6" on BS1387(M), British Standard Medium Steel pipe pipe,
- At 450 psi in 1-1/2" & 4" on Dyna-Flow pipe manufactured by Allied Tube & Conduit Corp,
- At 300 psi in size 10" & 12" on sch. 10 (0.188 in) pipe, 14" & 16" on Sch. 30 (0.375 in) pipe,
- At 250 psi in 18"~24" on Sch. 20 (0.375 in) pipe.

3-2) FM approved on the following sizes & pipe .

- At 500 psi in 2-1/2", 5"~6" on BS1387 medium or heavy grade pipe

4. 4-1) UL Listed at 300 psi on the following sizes & pipe.

- 1-1/4"~8", 3.0OD, 6.5OD on BS1387(M), British Standard Medium Steel pipe pipe,
- 1-1/4" & 2" on Eddylite pipe manufactured by Bull Moose Tube Co,
- 1-1/4" ~ 2" on Fine-Line Threadable pipe manufactured by Western International Forest Products Inc.,
- 2" on Eddythread 40 pipe manufactured by Bull Moose Tube Co.

UL Listed at 175 psi on the following sizes & pipes.

- 2"~3" on XL-II, XL pipe manufactured by Allied Tube & Conduit Corp,
- 2"~4" on Dyna-Flow, Super-Flo pipe manufactured by Allied Tube & Conduit Corp,
- 1-1/4"~4" on FLF pipe manufactured by Western International Forest Products Inc.,
- 1-1/4", 2"~3" on SPS pipe manufactured by Yieh Phui Enterprise Co., Ltd.,
- 1-1/4", 2"~3" on Sch. 5 pipe.

4-2) FM approved at 300 psi on the following sizes & pipes.

- 2-1/2", 5"~6" on BS1387(M) medium or heavy grade pipe,
- 1-1/4", 1-1/2" & 4" on Fire-Flow (Allied) pipe,
- 1-1/2" & 2" on Fire-Thread pipe,
- 1"~3" on Super40, Super-XL pipe,
- 1"~2" on TL (Central) & LS pipe.

FM approved at 175 psi on the following sizes & pipes.

- 1-1/4"~3" on XL-II (Allied) pipe,
- 1-1/4"~2", 3"~4" on BS1387 pipe,
- 1-1/4"~4" on Eddy-Flow, Super-Flo pipe,
- 1-1/4"~2" on BLT, Eddylite, WST(Wheatland), Gal-5 (IDOD Systems) pipe,
- 1"~2" on Ultra Eddy (Bull Moose) pipe,
- 1-1/2" ~ 4" on Eddy-Flow pipe.

5. 5-1) UL Listed at 300 psi on the following sizes & pipes.

- 2"~6" on BS1387(M), British Standard Medium Steel pipe pipe,
- 14" & 16" on Sch. 30 pipe,
- 18" & 20" on Sch. 20 pipe.

UL Listed at 250 psi in size 22" & 24" on Sch. 20 pipe.

5-2) FM approved at 175 psi in size 22" & 24" on Sch. 20 pipe.

6. 6-1) UL Listed at 300 psi on the following sizes & pipe.

- 1-1/4"~6" on BS1387 pipe, 1-1/4" ~ 3" on Super 40, Super-XL pipe, 1-1/4" ~ 4" on Dyna-Flow, Super-Flo pipe, 1-1/4"~1-1/2" on Fire-Line Flow pipe, 1-1/4" ~ 2" on Fire-Thread pipe & Eddylite pipe.

UL Listed at 175 psi in size 1-1/4"~2" on Sch. 5 pipe.

6-2) FM approved at 300 psi on the following sizes & pipes.

- 1-1/4"~6" on BS1387 pipe,
- 1-1/4" ~ 3" on Super 40, Super-XL (Allied) pipe,
- 1" ~ 4" on Dyna-Flow, Super-Flo (Allied) pipe,
- 1"~2" on Ultra Eddy (Bull Moose) pipe,
- 1-1/2"~2" on Fire-Thread pipe,
- 1-1/4"~2" on Eddylite (Bull Moose), WST (Wheatland) pipe.

7. 7-1) UL Listed at 350 psi on the following sizes & pipe.

- 1-1/4"~4" on BS1387(M) British Standard Medium Steel pipe pipe
- 2"~4" on Dyna-Flow, Super-Flo pipe manufactured by Allied Tube & Conduit Corp,

UL Listed at 300 psi on the following sizes & pipe.

- 1-1/4"~2" on XL, BLT, WLT pipemanufactured by Allied Tube & Conduit Corp,

- 1-1/4"~2" on WLS manufactured by Wheatland Tube Co
- 1-1/4"~2" on Eddylite pipe manufactured by Bull Moose Tube Co.
- 1-1/4"~2" on Fire-Line Threadable pipe manufactured by Western International Forest Products Inc. 1-1/4"~1-1/2" on Dyna-Flow, Super-Flo pipe manufactured by Allied Tube & Conduit Corp,
- 1-1/4"~4" on Mega-Flow pipe manufactured by Wheatland Tube Co.
- 1-1/4" on Eddy Flow pipe manufactured by Bull Mosose Tube Co.
- 3" & 4" on EZ-Flow pipe manufactured by Northwest Pipe Co.,
- 1-1/4" & 2" on MT pipe manufactured by Wheatland Tube Co.

UL Listed at 175 psi on the following sizes & pipes.

- 1-1/2"~3" on Eddy Flow pipe manufactured by Bull Mosose Tube Co.,
- 1-1/4"~2" on Sch.5 pipe,
- 6" on EZ-Flow pipe manufactured by Northwest Pipe Co.,

7-2) FM approved at 350 psi in size 1-1/4" on XL pipe.

FM approved at 300 psi on the following sizes & pipes.

- 2"~4" on Dyna-Flow, Super-Flo pipe,
- 1-1/4"~4" on Mega-Flow pipe.

FM approved at 175 psi on the following sizes & pipes.

- 2"~4" on Dyna-Flow, Super-Flo pipe,
- 1-1/4"~4" on Mega-Flow pipe.
- 1-1/2"~3" on Eddy Flow, Fire-Thread pipe.

8. 8-1) UL listed at 300 psi on the following sizes & pipe.

- 1-1/4"~4" on Dyna-Flow manufactured by Allied Tube & Conduit Corp., and EF pipe manufactured by Bull Moose Tube Co., and Mega-Flow pipe manufactured by Wheatland Tube Co.
- 3"~4" on EZ-Flow pipe manufactured by Northwest Pipe co
- 1-1/4"~2" on Eddylite pipe manufactured by Bull Moose Tube Co., and MLT, WLS pipe manufactured by Wheatland Tube Co.

UL Listed at 175 psi on the following sizes & pipe.

- 1-1/4"~4" on Eddy Flow pipe manufactured by Bull Moose Tube Co.
- 1-1/4"~2" on Sch. 5 pipe,
- 6" on EZ-Flow pipe manufactured by Northwest Pipe Co.

8-2) FM approved at 350 psi in size 1-1/4"~2" on XL pipe.

- FM approved at 300 psi in size 1-1/4"~4" on Mega-Flow pipe.**
- FM approved at 175 psi in size 1-1/2"~3" on Fire-Thread, Eddy Flow pipe.**

9. 9-1) UL listed at 175 psi on the following pipe.

- 3" OD, 4"~5" on BS1387(M) British Standard Medium Steel pipe pipe,
- 12" on Sch. 30 (0.330 in) pipe..
- 10" on Sch. 10 (0.188 in) pipe.

9-2) FM approved at 175 psi on the following pipe.

- 2-1/2, 4 on. British Standard BS 1387 medium or heavy pipe.
- 2" ~ 12", 14", 16" 24" Min schedule cut groove pipe to be joined : 8 in. or smaller Schedule 40.
- 2" ~ 12", 14", 16" 24" Min schedule rolled groove pipe to be joined: 8 in. or smaller Schedule 10.

10. 10-1) UL listed at 300 psi in size 3"x2"-2-1/2", 4" x2-1/2"-3", 6"x4" on BS1387 and

10-2) FM approved at 300 psi on BS1387 (M) or heavy grade pipe.

11. UL listed at 175 psi in size 1-1/4"~2" on BS1387 pipe.

12. 12-1) UL listed at 300 psi in size 1-1/4"~2-1/2" on XL, Super-Flo pipe, 175 psi in size 1-1/4"~2-1/2" on Dyna-Flow, XL-II, BS1387 pipe.

12-2) FM approved at 300 psi in size 1-1/4"~2-1/2" on Dyna-Flow, XL, Super-Flo (Allied) pipe, 1-1/4"~2" on BLT (Allied) pipe, TL (Central), Eddylite (Bull Moose), WLS, LS (Wheatland) pipe.

13. 13-1) UL listed at 300 psi in size 2" x 2 1/2"~8" x 4" on BS1387 pipe

13-2) UL listed at 300 psi in size 3" x 1 1/2"~8" x 4" on BS1387 pipe

14. Light wall pipe shall be of the minimum wall thickness 0.188 in. Sch. 10.

15. Rolled and Cut grooved based on Sch. 30 (0.330") pipe.

16. Rolled and Cut grooved based on Sch. 20 (0.375 wall thickness pipe)

17. Rolled and Cut grooved based on Sch. 30 (0.375 wall thickness pipe)

18. Minimum schedule cut groove pipe to be joined: 6" in or smaller - Sch. 40; 8" in or larger – Sch. 30

19. Minimum schedule roll grooved pipe to be joined: 6" or smaller – Sch. 10, 8 and 10" -0.188 in wall; 12" -0.250 in wall.

20. UL listed at 300 psi in size 76.1mm, 139.7mm, 165.1mm on Sch. 10S, 40S pipe.

21. a) Provides a rigid transition between flanged components and a grooved system.

b) Min schedule cut groove pipe to be joined: 8 inches or smaller- Sch. 40

c) Min schedule rolled groove pipe to be joined: 8 inches or smaller – Sch. 10.

22. 22-1) UL listed at 300 psi on the following sizes & pipe.

- 2" x 1/2" ~ 6" x 2-1/2" on MF pipe manufactured by Wheatland Tube Co,
- 2" x 1/2" ~ 4" x 2-1/2" on FF pipe manufactured by Youngstown Tube Co,

2" x 1/2" ~ 4" x 2-1/2" on DF pipe manufactured by Allied Tube and Conduit Corporation.
 2" x 1/2" ~ 3" x 2" on EF pipe manufactured by Bull Moose Tube Co,
 3" x 1/2" ~ 6" x 2-1/2" on EZF pipe manufactured by Northwest Pipe Co,
 2" x 1/2" ~ 2" x 1-1/2" on EZT pipe manufactured by Youngstown Tube Co.
 5" x 2" ~ 5" x 3" on Sch. 40 pipe
 2" x 1/2" ~ 6" x 2-1/2" on BS1387 (M) pipe.

UL listed at 200 psi on the following sizes & pipe.

4" x 2-1/2" on DF pipe manufactured by Allied Tube and Conduit Corporation

UL listed at 175 psi on the following sizes & pipe.

4" x 3" and 6" x 3" on MF pipe manufactured by Wheatland Tube Co

4" x 3" on FF pipe manufactured by Youngstown Tube Co, and DF pipe manufactured by Allied Tube and Conduit Corporation.

4" x 3", 6" x 3" & 6" x 4" on Sch. 10, Sch. 40 pipe.

4" x 3", 6" x 3" & 6" x 4" on EZF pipe manufactured by Northwest Pipe Co.

6" x 3" and 6" x 4" on BS1387 (M) pipe.

22-2) FM approved at 300 psi on the following pipe.

1-1/4" ~ 4" on Allied "Super-Flo", "Dyna-Flow" pipe.

1" ~ 4" on Wheatland "Mega-Flow" pipe

1" ~ 2" on Wheatland "Mega-Thread" pipe

1" ~ 2" on Youngstown "EZ-Thread" pipe

1-1/2" ~ 4" on Youngstown "Fire-Flo" pipe

1-1/4" ~ 4" on Bull Moose "Eddy-Flow" pipe

3" ~ 6" on Northwest "EZ-Flow" pipe

1" ~ 6" on BS EN 10255 pipe

FM approved at 175 psi on the following pipe.

4" x 3", 6" x 3", 6" x 4" on Allied "Super-Flo", "Dyna-Flow" pipe.

4" x 3" on Wheatland "Mega-Flow" pipe

1" ~ 2" on Wheatland "Mega-Thread" pipe

4" x 3", 6" x 4" on Youngstown "Fire-Flo" pipe

4" x 3", 6" x 4" on Bull Moose "Eddy-Flow" pipe

4" x 3", 6" x 3", 6" x 4" on Northwest "EZ-Flow" pipe

6-1/2"OD x 3", 6-1/3"OD x 4" on BS EN 10255 pipe

23. 23-1) UL listed at 300 psi on the following sizes & pipe.

2" x 1" ~ 6" x 2-1/2" on MF pipe manufactured by Wheatland Tube Co,

2" x 1" ~ 4" x 2-1/2" on FF pipe manufactured by Youngstown Tube Co,

2" x 1" ~ 4" x 1" on DF pipe manufactured by Allied Tube and Conduit Corporation.

2" x 1" ~ 3" x 2" on EF pipe manufactured by Bull Moose Tube Co,

3" x 1" ~ 6" x 2-1/2" on EZF pipe manufactured by Northwest Pipe Co,

2-1/2" x 1" ~ 2-a/2" x 1-1/2", 4" x 2-1/2", 4" x 76.1mm, 5" x 2", 5" x 76.1mm, 5" x 3",

165.1mm x 1-1/4", 1-1/2", 2" & 76.1mm on BS1387 (M) pipe.

5" x 2", 5" x 2-1/2", 5" x 76.1mm, 5" x 3" on Sch. 40 pipe.

UL listed at 175 psi on the following sizes & pipe.

4" x 3" and 6" x 3" on MF pipe manufactured by Wheatland Tube Co

4" x 3" on FF pipe manufactured by Youngstown Tube Co.

4" x 3", 6" x 3" & 6" x 4" on Sch. 10, Sch. 40 pipe.

4" x 3", 6" x 3" & 6" x 4" on EZF pipe manufactured by Northwest Pipe Co.

6" x 3" and 6" x 4" on BS1387 (M) pipe.

22-2) FM approved at 300 psi on the following pipe.

1-1/4" ~ 4" on Allied "Super-Flo", "Dyna-Flow" pipe.

1" ~ 4" on Wheatland "Mega-Flow" pipe

1" ~ 2" on Wheatland "Mega-Thread" pipe

1" ~ 2" on Youngstown "EZ-Thread" pipe

1-1/2" ~ 4" on Youngstown "Fire-Flo" pipe

1-1/4" ~ 4" on Bull Moose "Eddy-Flow" pipe

3" ~ 6" on Northwest "EZ-Flow" pipe

1" ~ 6" on BS EN 10255 pipe

FM approved at 175 psi on the following pipe.

4" x 3", 6" x 3", 6" x 4" on Allied "Super-Flo", "Dyna-Flow" pipe.

4" x 3" on Wheatland "Mega-Flow" pipe

1" ~ 2" on Wheatland "Mega-Thread" pipe

4" x 3", 6" x 4" on Youngstown "Fire-Flo" pipe

4" x 3", 6" x 4" on Bull Moose "Eddy-Flow" pipe

4" x 3", 6" x 3", 6" x 4" on Northwest "EZ-Flow" pipe

6-1/2"OD x 3", 6-1/3"OD x 4" on BS EN 10255 pipe