FM Approvals

Pipes/Fittings/Couplings | Aboveground Pipe and Fittings | Grooved Couplings, Standard-Rigid

Model 1512

Product Description

Pipe Description	Rated Working Pressures for Model 1512 Rigid Coupling by Pipe [a, b, c, d, e, f, g, h]																			
	Nominal Pipe Size																			
	1 (33.4)	1-1/4 (42.7)	1-1/2 (48.3)	(57.0)	2 (60.3)	2-1/2 (73.1)	(76.1)	3 (88.9)	(101.6)	4 (114.3)	(133.0)	(139.7)	5 (141.3)	(159.0)	(165.1)	6 (168.3)	(216.3)	8 (219.1)	(267.4)	10 (273.0)	(318
Schedule 40, Cut Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	400 (2760)	400 (2760)	40 (276
Schedule 40, Roll Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	400 (2760)	400 (2760)	40 (276
Schedule 30, Cut Groove																					
Schedule 30, Rolled Groove																					
ThinWall Pipes																					
Schedule 10, Rolled Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)	500 (3445)					
Lightwall Pipes, Rolled Groove																					

FM Approvals

Schedule 5 Pipe																				
EN 10220 Rolled Groove,[i]	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)			500 (3445)		500 (3445)		400 (2760)	
EN 10220 Cut Groove,[i]	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)			500 (3445)		500 (3445)		400 (2760)	
EN 10220 Rolled Groove,[j]	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)			500 (3445)					
EN 10225 Light Rolled Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)											
EN 10225 Medium and Heavy Rolled Groove	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)									
0.188 in. wall Rolled Groove																500 (3445)	500 (3445)	400 (2760)	400 (2760)	40 (276
ISO 4200, Cut Groove																				
Thickness F		500 (3445)			500 (3445)			500 (3445)		500 (3445)						500 (3445)		500 (3445)		400 (2760)	
Thickness G	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)	
ISO 4200, Rolled Groove																				

FM Approvals

Thickness D								500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)
Thickness E		500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)
Thickness F	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)
Thickness G	500 (3445)	500 (3445)	500 (3445)		500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)				500 (3445)		500 (3445)		400 (2760)

Remarks:

a.) Minimum schedule cut groove pipe to be joined: 6 inch or smaller, Schedule 40; 8 inch or larger, Schedule 30

b.) Minimum schedule rolled groove pipe to be joined: 6 inch or smaller, Schedule 10; 8 or 10 inch - 0.188 inch (5 mm) wall; 12 inch – 0.250 in. wall

c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant

d.) Product is marked with acceptable trade name of either "LEDE", "LEnE" or "PREM"

e.) FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish

f.) FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish

g.) FM Approved for Use with a Silvery White Colored Dacromet Surface Finish

h.) FM Approved for Use with a Hot Dip Galvanized Surface Finish

i.) FM Approved for use with Rolled and Cut Groove EN 10220 Carbon Steel Sprinkler pipe with comparable wall thicknesses to Schedule 40 steel sprinkler pipe per ASME B36.10-2004 specifications

j.) FM Approved for use with Rolled Groove EN 10220 Carbon Steel Sprinkler pipe with comparable wall thicknesses to Schedule 10 steel sprinkler pipe per ASME B36.10-2004 specifications

Details

Category	Grooved Couplings, Standard-Rigid
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems

Company

- **Shandong Lede Machinery Co. Ltd.**
- No. 3998 West Weihuan N Rd, Weiche
  Weifang City, Shandong 261057, China
- **http://wflede.com**

Approvals

Certification Type	FM Approved
Listing Country	China