



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

Model 1N

Product Description

Pipe Description	Rated Working Pressures for Model 1N Flexible Coupling by Pipe ^{a, b, c, e, f, g, h}																				
	Nominal Pipe Size																				
	1 (33.7)	1-1/4 (42.4)	1-1/2 (48.3)	2 (60.3)	2-1/2 (73.0)	(76.1)	3 (88.9)	(108)	4 (114.3)	(133)	(139.7)	5 (141.3)	(159)	(165.1)	6 (168.3)	(216.3)	8 (219.1)	(267)	10 (273)	(318)	12 (323.9)
Schedule 40, Cut Groove	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)		300 (2070)		300 (2070)		300 (2070)
Schedule 40, Roll Groove	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)		300 (2070)		300 (2070)		300 (2070)
Schedule 30, Cut Groove																	300 (2070)		300 (2070)		300 (2070)
Schedule 30, Rolled Groove	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)		300 (2070)		300 (2070)		300 (2070)
Thinwall Pipes, Rolled Groove																					
Schedule 10, Rolled Groove	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)						
0.188" Wall, Rolled Groove																	300 (2070)		300 (2070)		300 (2070)
Lightwall Pipes, Rolled Groove																					

FM Approvals

Thai Premium Pipe's Schedule 7	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)		300 (2070)	300 (2070)	300 (2070)											
Schedule 5 Pipe, Rolled Groove																				
EN 10220 (ISO 4200), Cut Groove																				
Thickness F		500 (3450)		500 (3450)			500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)			500 (3450)	500 (3450)		300 (2070)		300 (2070)	300 (2070)
Thickness G	500 (3450)	500 (3450)	500 (3450)	500 (3450)		500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)			500 (3450)	500 (3450)		300 (2070)		300 (2070)	300 (2070)
EN 10220 (ISO 4200), Rolled Groove																				
Thickness D							500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)			500 (3450)	500 (3450)		300 (2070)		300 (2070)	300 (2070)
Thickness E		500 (3450)	500 (3450)	500 (3450)		500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)			500 (3450)	500 (3450)		300 (2070)		300 (2070)	300 (2070)
Thickness F	500 (3450)	500 (3450)	500 (3450)	500 (3450)		500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)			500 (3450)	500 (3450)		300 (2070)		300 (2070)	300 (2070)
Thickness G	500 (3450)	500 (3450)	500 (3450)	500 (3450)		500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)			500 (3450)	500 (3450)		300 (2070)		300 (2070)	300 (2070)
EN 10255 (BS 1387) Medium, Rolled Groove	500 (3450)	500 (3450)	500 (3450)	500 (3450)		500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)									
EN 10255 (BS 1387) Heavy, Rolled Groove	500 (3450)	500 (3450)	500 (3450)	500 (3450)		500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)									



Chinese Standard GB/T 3091 Regular, Rolled Groove	500 (3450)	500 (3450)	500 (3450)	500 (3450)		500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)						300 (2070)				
Chinese Standard GB/T 3091 Heavy, Rolled Groove	500 (3450)	500 (3450)	500 (3450)	500 (3450)		500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)	500 (3450)						300 (2070)				
JIS G3452, Cut Groove																300 (2070)		300 (2070)		300 (2070)	
JIS G3452, Rolled Groove																300 (2070)		300 (2070)		300 (2070)	
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, 10 or 12 inch - 0.188 inch (4.78 mm) wall c.) All couplings in table above, Approved when supplied with an EDPM gasket using standard gasket lubricant or dry lubricant e.) Electroplate Zinc Coating and Hot dip Galvanized coating available on bolt and nut assembly f.) FM Approved with a painted finish in the following colors – black, orange, green blue, copper and red g.) FM Approved with a galvanized surface finish h.) FM Approved with an epoxy finish in the following colors – blue, black, red, white, silver, grey and yellow																				

Details

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

Company

Jinan Meide Casting Co Ltd
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Jinan City, China
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 Approvals

Listing Country	China
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