FM Approvals

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

Model 1405

Product Description

Pipe Description	Rated Working Pressures for Model 1405 One-Bolt Fast Installation Flexible Coupling by Pipe [a, b, c, f, g, h, i]																	
	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)	(133.0)	(139.7)	5 (141.3)	(159.0)	(165.1)	6 (168.3)	(216.3)	8 (219.1)	10 (273.0)	12 (323.9)
Schedule 40, Cut Groove	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)		363 (2500)										
Schedule 40, Roll Groove	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)		363 (2500)										
Schedule 30, Cut Groove																			
Schedule 30, Rolled Groove																			
Thinwall Pipes, Rolled Groove																			
Schedule 10, Rolled Groove	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)		363 (2500)										
0.188" Wall, Rolled Groove																			

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Lightwall Pipes, Rolled Groove																		
Bull Moose Tube EDDY-Flow		300 (2065)	300 (2065)	300 (2065)	300 (2065)		300 (2065)		300 (2065)									
Wheatland Tube Mega-Flow		300 (2065)	300 (2065)	300 (2065)	300 (2065)		300 (2065)		300 (2065)									
Youngstown Tube Fire-Flo			300 (2065)	300 (2065)	300 (2065)		300 (2065)		300 (2065)									
Nucor Schedule 7				300 (2065)	300 (2065)		300 (2065)		300 (2065)									
EN 10255 Light, Rolled Groove	363 (2500)	363 (2500)	363 (2500)	363 (2500)		363 (2500)	363 (2500)		363 (2500)									
EN 10255 Medium, Rolled Groove	363 (2500)	363 (2500)	363 (2500)	363 (2500)		363 (2500)	363 (2500)		363 (2500)									
EN 10255 Heavy, Rolled Groove	363 (2500)	363 (2500)	363 (2500)	363 (2500)		363 (2500)	363 (2500)		363 (2500)									
ISO 4200, Cut Groove																		
Thickness F		363 (2500)		363 (2500)			363 (2500)		363 (2500)									

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Thickness G	363 (2500)	363 (2500)	363 (2500)	363 (2500)		363 (2500)	363 (2500)		363 (2500)									
ISO 4200, Rolled Groove																		
Thickness D							363 (2500)		363 (2500)									
Thickness E		363 (2500)	363 (2500)	363 (2500)		363 (2500)	363 (2500)		363 (2500)									
Thickness F	363 (2500)	363 (2500)	363 (2500)	363 (2500)		363 (2500)	363 (2500)		363 (2500)									
Thickness G	363 (2500)	363 (2500)	363 (2500)	363 (2500)		363 (2500)	363 (2500)		363 (2500)									
EN 10220,[d] Rolled and Cut Groove	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)		363 (2500)									
ISO 4200,[e] Rolled Groove	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)	363 (2500)		363 (2500)									

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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 (5 mm) wall c.) All couplings in table above, Approved when supplied with a Grade E EDPM gasket using standard gasket lubricant d.) FM Approved for use with rolled or cut groove EN 10220 sprinkler pipe with comparable wall thicknesses to Schedule 40 steel sprinkler pipe per ASME B36.10-2004 specifications. e.) FM Approved for use with rolled groove EN 10220 sprinkler pipe with comparable wall thicknesses to Schedule 10 steel sprinkler pipe per ASME B36.10-2004 specifications. f.) FM Approved for Use with either an Orange, Black, Yellow, White, Blue, Green or Silver Painted Surface Finish g.) FM Approved for Use with either a Red, Orange, Black, Yellow, White, Blue, Green or Silver Epoxy Powder Coat Surface Finish h.) FM Approved for Use with a Silvery White Colored Dacromet Surface Finish i.) FM Approved for Use with a Hot Dip Galvanized Surface Finish

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
Listing Country	China

Company

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