

SDG 22

Product Description

Rated Working Pressures for Model SDG 22 Rigid Coupling by Pipe ^{a, b, c}

Pipe Description	Nominal Pipe Size																									
	1 (33.7)	1-1/4 (42.7)	1-1/2 (48.3)	2 (60.3)	2-1/2 (73.1)	(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)	(356)	(377)	(406)	(426)	
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)		300 (2070)		300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	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)		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)		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)											
0.188" Wall, Rolled Groove																	300 (2070)		300 (2070)		300 (2070)					
Schedule 10, Swage Groove																										
Lightwall Pipes, Rolled Groove																										
Lightwall Pipes, Swage Groove																										
Schedule 5 Pipe, Rolled Groove																										
EN 10220 (ISO 4200), Cut Groove																										
Thickness F		500 (3445)		500 (3445)	500 (3445)	500 (3445)	500 (3445)	300 (2070)	500 (3445)	300 (2070)	500 (3445)	500 (3445)	300 (2070)	500 (3445)	500 (3445)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)					
Thickness G	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	300 (2070)	500 (3445)	300 (2070)	500 (3445)	500 (3445)	300 (2070)	500 (3445)	500 (3445)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)					
EN 10220 (ISO 4200), Rolled Groove																										
Thickness D								300 (2070)	500 (3445)		500 (3445)	500 (3445)	300 (2070)	500 (3445)	500 (3445)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)					
Thickness E				500 (3445)			500 (3445)	300 (2070)	500 (3445)		500 (3445)	500 (3445)	300 (2070)	500 (3445)	500 (3445)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)					
Thickness F	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	300 (2070)	500 (3445)		500 (3445)	500 (3445)	300 (2070)	500 (3445)	500 (3445)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)					
Thickness G	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	300 (2070)	500 (3445)		500 (3445)	500 (3445)	300 (2070)	500 (3445)	500 (3445)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)	300 (2070)					
EN 10255 (BS 1387) Medium, Rolled Groove	500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)			500 (3445)												
EN 10255 (BS 1387) Heavy, Rolled Groove	500 (3445)	500 (3445)	500 (3445)	500 (3445)		500 (3445)	500 (3445)		500 (3445)		500 (3445)			500 (3445)												
Chinese Standard GB/T 3092, Regular Rolled Groove	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	300 (2070)	500 (3445)		500 (3445)	500 (3445)		500 (3445)	500 (3445)		300 (2070)		300 (2070)		300 (2070)					
Chinese Standard GB/T 3092, Extra Heavy Rolled Groove	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	500 (3445)	300 (2070)	500 (3445)		500 (3445)	500 (3445)		500 (3445)	500 (3445)		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

Details

Category Grooved Couplings, Standard-Rigid

Company

Shield Fire Safety and Security Ltd
Unit 3 Endeavor Drive, Basildon, Essex, SS14 3WF, United Kingdom
United Kingdom
http://www.shieldglobal.com

Class of Work 1020 - Couplings & Fittings - All Type
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Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	United Kingdom