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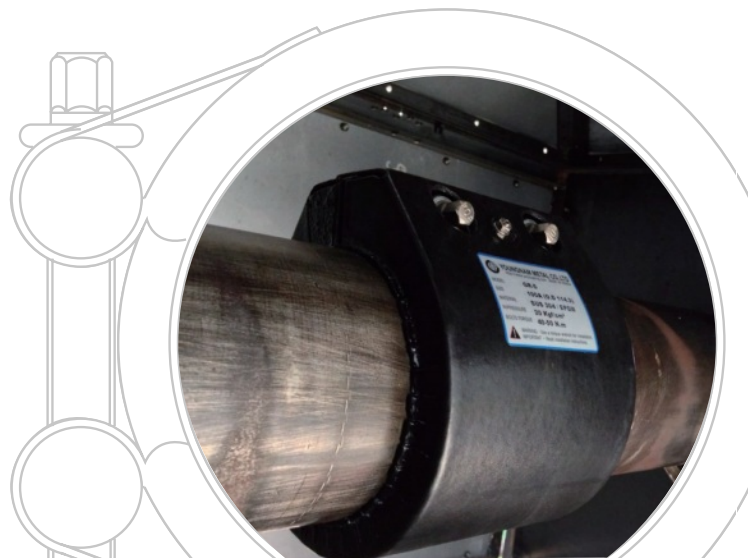
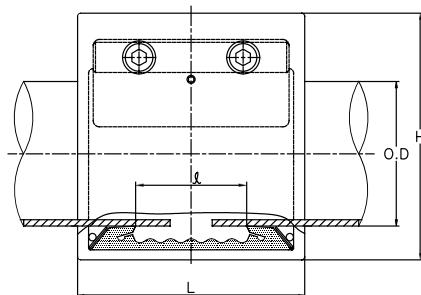
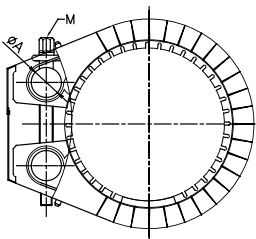


MODEL 11 : FPC-GR-S

### Fire Protect Cover Grip Type Coupling : FPC-GR-S

Fire Protection Cover Grip Ring pipe couplings FPC GR-S (DN15-DN350) withstand fire better than regular couplings. Couplings suitable to be used with metal pipes and Suitable for engine room application on ships.


1. Axially restrained pipe coupling, no pull out or vibration
2. Fire Testing according to ISO 19921 & 19922 regulation 30 minutes at 800°C
3. Maintains internal structure of the coupling during a fire
4. SS304 or SS316L Stainless Steel Couplings with EPDM, NBR, Silicone and VITON.





# FIREPROOF YN-COUPLINGS

## FPC-GR-S

Size	O.D (mm)		Range (mm)		M	L	ℓ	H	W.P	W.T	P (N.m(kgf.cm))
	ND (Inch)	D1		D2							
15A (1/2")		21.3 / 21.7		O/D ±0.3	M6	68	20	40	20	0.28	3~5 (30~50)
20A (3/4")		25.0 / 26.9 / 26.7 / 27.2		O/D ±0.5	M6	68	20	63	20	0.32	4~6 (40~60)
25A (1")		30.0 / 32.0 / 33.4 / 33.7 / 34.0		O/D ±0.6	M6	68	20	70	20	0.35	4~6 (40~60)
32A (1-1/4")		38.0 / 40.9 / 42.2 / 42.4 / 42.7		O/D ±0.6	M8	68	20	81	20	0.45	10~12 (100~120)
40A (1-1/2")		44.5 / 48.3 / 48.6 / 50.8		O/D ±1.0	M8	68	22	87	20	0.5	10~12 (100~120)
50A (2")		54.0 / 57.0 / 60.3 / 60.5 / 63.0		O/D ±1.0	M10	94	30	109	18	1.0	15~18 (150~180)
65A (2-1/2")		66.7 / 69.0 / 73.0 / 76.3		O/D ±1.0	M10	94	30	124	18	1.2	15~18 (150~180)
80A (3")		79.8 / 84.0 / 88.9 / 89.1		O/D ±1.5	M12	122	50	144	16	2.1	40~50 (400~500)
90A (3"-1/2")		101.6		O/D ±1.5	M12	122	50	171	16	2.4	40~50 (400~500)
100A (4")		104.8 / 106.3 / 108.0 / 114.3		O/D ±1.5	M12	122	50	171	16	2.4	40~50 (400~500)
125A (5")		129.0 / 133.0 / 139.8 / 141.3		O/D ±1.5	M14	138	55	203	12	3.8	60~80 (600~800)
150A (6")		154.0 / 159.0 / 165.2 / 168.3		O/D ±1.5	M14	138	55	229	12	4.2	60~80 (600~800)
200A (8")		204.0 / 216.3 / 219.1		O/D ±2.0	M16	176	72	297	7	11.2	120~150 (1200~1500)
250A (10")		254.0 / 267.4 / 273.1		O/D ±2.0	M16	176	65	348	7	12.9	120~150 (1200~1500)
300A (12")		304.0 / 318.5 / 323.9 / 325.0		O/D ±2.0	M18	176	65	400	5	14.9	170~190 (1700~1900)
350A (14")		355.6		O/D ±2.0	M18	176	65	439	5	16.1	170~190 (1700~1900)

ND : Nominal Diameter (A)

D1 : Actual Outer Diameter of Pipe (mm)

D2 : Min./Max. Allowable Limit for Pipe (mm)



M : Fastener Bolt Size

L : Fireproof Cover Width (mm)

ℓ : Allowable Shrinkage/Expansion Clearance (mm)

(Maximum Pipe Gap = 50% of " ℓ " with Insert Plate.)

H : Fireproof Cover Height (mm)

W.P : Working Pressure (Kgf/cm<sup>2</sup>) : Industrial() , Ship()

W/T : Weight Per Unit (kg)

P : Optimum Locking Torque Value (Nm (kgf·cm))

※ The specifications are subject to change for quality improvement.

