



Thread:

- a. Standard: B.S.C. thread (ET)
- b. Options : NPT/PG/BSP/MM etc

Finish:

- a. Standard : Nickel Plated
- b. Options : Tin/Cadmium/Chrome



Dimensional legend

SL NO.	STEPS	
A	Pass item 10, 9, 8, 7 respectively over cable before commencing to strip oversheath.	
B	Remove the outer sheath and pass item 6 over exposed armour.	
C	Cut armour to length, lift wire ends, pass item 5 over exposed bedding and beneath armour.	
D	Pass item 4	
E	Pass Cable end through item 3.	
F	Engage item 7 & 3 and tighten up.	
G	Engage item 10 & 7 nd tighten up.	
H	Screw item 3,2 into apparatus (secure item 1 if plain hole entry).	

Application

For use under hazardous climatic conditions & generally for armoured cables & outdoor use. These are Flame proof and may be used in the corrosive conditions when protected by a shroud.

Specification

Gland consists of 1. Check nut; 2. Neoprene Rubber Washer; 3. Armour Clamping Nut; 4. Neoprene inner ring; 5. Armour clamping cone; 6. Armour clamping ring; 7. Cable Gland Body; 8. Neoprene outer ring; 9. Skid washer; 10. Outer seal nut. All metal parts are made of brass accurately machined for ease of assembling.

Extras

Earth Tags & Earth Shroud are supplied separately, and should be specified when ordering the gland.

Sealing Rubber Type: Neoprene Rubber
Protection Class: IP 66 as per IEC 60529:2001



TECHNICAL DATA SHEET OF CABLE GLANDS

CABLE DIMENSION					GLAND DIMENSION				
SL. NO.	DPF SERIES	A (Under armour Dia)	B (Overall Dia)	Armour diametar	Entry Thread		D	E	F
					C	ET			
		mm	mm	mm	ET	mm	mm	mm	mm
1	DPF-01SS	8.0	12.0	0.8/1.4	3/4"	M20	25.0	21.5	24.5
2	DPF-01S	11.0	16.5	0.8/1.4	3/4"	M20	25.0	25.0	29.0
3	DPF-01	12.0	18.0	0.8/1.4	3/4"	M20	25.0	28.0	32.0
4	DPF-01A	12.0	18.0	0.8/1.4	1"	M25	25.0	28.0	32.0
5	DPF-02	14.0	20.0	0.8/1.4	1"	M25	25.0	31.5	36.5
6	DPF-02A	14.0	20.0	0.8/1.4	3/4"	M20	25.0	31.5	36.5
7	DPF-03	17.0	23.0	0.8/1.4	1	M25	25.0	32.0	37.0
8	DPF-04	20.0	26.0	0.8/1.4	1	M25	25.0	38.0	44.0
9	DPF-04A	20.0	26.0	0.8/1.4	1.1/4"	M32	25.0	38.0	44.0
10	DPF-05	24.0	30.0	0.8/1.4	1.1/4"	M32	25.0	41.0	47.0
11	DPF-05A	24.0	30.0	0.8/1.4	1.1/2"	M40	25.0	41.0	47.0
12	DPF-06	27.0	33.0	0.8/1.4	1.1/2"	M40	25.0	47.0	54.0
13	DPF-06A	27.0	33.0	0.8/1.4	1.1/4"	M32	25.0	47.0	54.0
14	DPF-07	30.0	37.0	0.8/1.4	1.1/2"	M40	25.0	52.0	58.0
15	DPF-08	35.0	41.0	0.8/1.4	2"	M50	25.0	56.0	64.0
16	DPF-09	40.0	46.0	0.8/1.4	2"	M50	25.0	59.0	67.0
17	DPF-010	46.0	52.0	0.8/1.4	2"	M50	25.0	66.5	77.0
18	DPF-010A	46.0	52.0	0.8/1.4	2.1/2"	M63	25.0	66.5	77.0
19	DPF-011S	50.0	56.0	0.8/1.4	2.1/2"	M63	25.0	74.0	85.0
20	DPF-011	54.0	60.0	0.8/1.4	2.1/2"	M63	25.0	80.0	92.0
21	DPF-012	60.0	66.0	0.8/1.4	3"	M75	25.0	85.0	97.0
22	DPF-013A	66.0	72.0	0.8/1.4	3"	M75	25.0	90.0	103.0
23	DPF-013	72.0	78.0	0.8/1.4	3.1/4"	M82	25.0	99.0	113.0
24	DPF-014	78.0	84.0	0.8/1.4	3.1/2"	M90	25.0	105.0	122.0
25	DPF-015	88.0	94.0	0.8/1.4	4"	M100	25.0	117.0	135.0
26	DPF-016	98.0	105.0	0.8/1.4	4.1/2"	M110	25.0	130.0	149.0

Complies with following standards:

a. BS6121:2005(BSEN 50262)

Available in following MOC:

a. Standard: Brass

b. Options Available: Aluminium & Stainless Steel

Sealing Rubber Type: Neoprene Rubber

Protection Class: IP66/67 as per IS/IEC-60529:2001 (Reaffirmed 2014).



Engineering Excellence

Gland Selection Reference Sheet as per Cable O.D

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CABLE GLAND

SIZE

SUITABLE CABLE RANGE (MM)

SL. NO.	Cat No.	From	Upto	Armour Clamp ID
1	DPW/DPF01SS	8	13	10
2	DPW/DPF01S	13	16	11.5
3	DPW/DPF01	16	18	12
4	DPW/DPF01A	16	18	12
5	DPW/DPF02	18	20	16
6	DPW/DPF02A	18	20	16
7	DPW/DPF03	20	23	16.5
8	DPW/DPF04	23	26	19
9	DPW/DPF04A	23	26	19
10	DPW/DPF05	26	30	23
11	DPW/DPF05A	26	30	23
12	DPW/DPF06	30	33	27
13	DPW/DPF06A	30	33	27
14	DPW/DPF07	33	37	30
15	DPW/DPF08	37	41	34
16	DPW/DPF09	41	46	38.5
17	DPW/DPF010	46	52	44
18	DPW/DPF010A	46	52	44
19	DPW/DPF011S	52	56	49
20	DPW/DPF011	56	60	53
21	DPW/DPF012	60	66	58
22	DPW/DPF013A	66	72	65
23	DPW/DPF013	72	78	70
24	DPW/DPF014	78	84	76
25	DPW/DPF015	84	92	82
26	DPW/DPF016	92	104	98

GLAND COMPATIBLE WITH CABLE SIZE (Both Aluminium & Copper)

SL. NO.	CABLE SIZE	UNARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)	ARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)
1	1C*4	8	DPW/DPF01SS	8-13			
2	1C*6	8.5	DPW/DPF01SS	8-13			
3	1C*10	9.5	DPW/DPF01SS	8-13			
4	1C*16	10	DPW/DPF01SS	8-13	13	DPW/DPF01SS	8-13
5	1C*25	12	DPW/DPF01SS	8-13	14	DPW/DPF01S	13.1-16
6	1C*35	13	DPW/DPF01SS	8-13	15	DPW/DPF01S	13.1-16
7	1C*50	14	DPW/DPF01S	13.1-16	17	DPW/DPF01/01A	16.1-18
8	1C*70	16	DPW/DPF01S	13.1-16	19	DPW/DPF02/02A	18.1-20
9	1C*95	17.5	DPW/DPF01/01A	16.1-18	21	DPW/DPF03	20.1-23
10	1C*120	19	DPW/DPF02/02A	18.1-20	22	DPW/DPF03	20.1-23
11	1C*150	21.5	DPW/DPF03	20.1-23	23	DPW/DPF03	20.1-23
12	1C*185	23.5	DPW/DPF04/04A	23.1-26	25	DPW/DPF04/04A	23.1-26
13	1C*240	26	DPW/DPF04/04A	23.1-26	27.5	DPW/DPF05/05A	26.1-30
14	1C*300	28.5	DPW/DPF05/05A	26.1-30	30	DPW/DPF05/05A	26.1-30
15	1C*400	33	DPW/DPF06/06A	30.1-33	34	DPW/DPF07	33.1-37
16	1C*500	36	DPW/DPF07	33.1-37	37.5	DPW/DPF08	37.1-41
17	1C*630	40	DPW/DPF08	37.1-41	40.5	DPW/DPF08	37.1-41
18	1C*800	46	DPW/DPF09	41.1-46	46.5	DPW/DPF010/010A	46.1-52
19	1C*1000	52	DPW/DPF010/010A	46.1-52	54	DPW/DPF011S	52.1-56

SL. NO.	CABLE SIZE	UNARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)	ARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)
1	2C*4	13	DPW/DPF01SS	8-13	15.5	DPW/DPF01S	13.1-16
2	2C*6	14	DPW/DPF01S	13.1-16	16.5	DPW/DPF 01	16.1-18
3	2C*10	16	DPW/DPF01S	13.1-16	18	DPW/DPF01/01A	16.1-18
4	2C*16	14	DPW/DPF01S	13.1-16	17	DPW/DPF01/01A	16.1-18
5	2C*25	17	DPW/DPF01/01A	16.1-18	18.5	DPW/DPF02/02A	18.1-20
6	2C*35	19	DPW/DPF02/02A	18.1-20	20	DPW/DPF02/02A	18.1-20
7	2C*50	21	DPW/DPF03	20.1-23	22.5	DPW/DPF03	20.1-23
8	2C*70	23	DPW/DPF03	20.1-23	25.5	DPW/DPF04/04A	23.1-26
9	2C*95	26.5	DPW/DPF05/05A	26.1-30	28	DPW/DPF05/05A	26.1-30
10	2C*120	28.5	DPW/DPF05/05A	26.1-30	30.5	DPW/DPF06/06A	30.1-33
11	2C*150	32	DPW/DPF06/06A	30.1-33	34	DPW/DPF07	33.1-37
12	2C*185	35.5	DPW/DPF07	33.1-37	37	DPW/DPF07	33.1-37
13	2C*240	39.5	DPW/DPF08	37.1-41	41	DPW/DPF08	37.1-41
14	2C*300	43.5	DPW/DPF09	41.1-46	45.5	DPW/DPF09	41.1-46
15	2C*400	49	DPW/DPF010/010A	46.1-52	51	DPW/DPF010/010A	46.1-52
16	2C*500	55.5	DPW/DPF011S	52.1-56	56.5	DPW/DPF 011	56.1-60
17	2C*630	61.5	DPW/DPF 012	60.1-66	62.5	DPW/DPF 012	60.1-66

GLAND COMPATIBLE WITH CABLE SIZE (Both Aluminium & Copper)

SL. NO.	CABLE SIZE	UNARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)	ARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)
		Overall Diameter O.D			Overall Diameter O.D		
1	3C*4	15.5	DPW/DPF01S	13.1-16	16	DPW/DPF01S	13.1-16
2	3C*6	16	DPW/DPF01S	13.1-16	17	DPW/DPF01/01A	16.1-18
3	3C*10	18	DPW/DPF01/01A	16.1-18	19	DPW/DPF02/02A	18.1-20
4	3C*16	18	DPW/DPF01/01A	16.1-18	18.5	DPW/DPF02/02A	18.1-20
5	3C*25	20	DPW/DPF02/02A	18.1-20	20.5	DPW/DPF03	20.1-23
6	3C*35	21.5	DPW/DPF03	20.1-23	23	DPW/DPF03	20.1-23
7	3C*50	24.5	DPW/DPF04/04A	23.1-26	25.5	DPW/DPF04/04A	23.1-26
8	3C*70	29	DPW/DPF05/05A	26.1-30	30	DPW/DPF05/05A	26.1-30
9	3C*95	32.5	DPW/DPF06/06A	30.1-33	33.5	DPW/DPF07	33.1-37
10	3C*120	34.5	DPW/DPF07	33.1-37	35.5	DPW/DPF07	33.1-37
11	3C*150	38.5	DPW/DPF08	37.1-41	40.5	DPW/DPF08	37.1-41
12	3C*185	43.5	DPW/DPF09	41.1-46	44.5	DPW/DPF09	41.1-46
13	3C*240	48.5	DPW/DPF010/010A	46.1-52	49	DPW/DPF010/010A	46.1-52
14	3C*300	51.5	DPW/DPF 010	46.1-52	53	DPW/DPF011S	52.1-56
15	3C*400	59.5	DPW/DPF 011	56.1-60	58.5	DPW/DPF 011	56.1-60
16	3C*500	66	DPW/DPF 012	60.1-66	67	DPW/DPF 013A	66.1-72
17	3C*630	72	DPW/DPF 013A	66.1-72	73	DPW/DPF 013	72.1-78

GLAND COMPATIBLE WITH CABLE SIZE (Both Aluminium & Copper)

SL. NO.	CABLE SIZE	UNARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)	ARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)
		Overall Diameter O.D			Overall Diameter O.D		
1	3.5C*25/16	22	DPW/DPF03	20.1-23	23	DPW/DPF03	20.1-23
2	3.5C*35/16	24	DPW/DPF04/04A	23.1-26	25	DPW/DPF04/04A	23.1-26
3	3.5C*50/25	27.5	DPW/DPF05/05A	26.1-30	28	DPW/DPF05/05A	26.1-30
4	3.5C*70/35	31	DPW/DPF06/06A	30.1-33	32	DPW/DPF06/06A	30.1-33
5	3.5C*95/50	35	DPW/DPF07	33.1-37	36	DPW/DPF07	33.1-37
6	3.5C*120/70	37.5	DPW/DPF08	37.1-41	39	DPW/DPF08	37.1-41
7	3.5C*150/70	41	DPW/DPF08	37.1-41	42	DPW/DPF09	41.1-46
8	3.5C*185/95	46.5	DPW/DPF10/010A	46.1-52	47.5	DPW/DPF10/010A	46.1-52
9	3.5C*240/120	52.5	DPW/DPF011S	52.1-56	53.5	DPW/DPF011S	52.1-56
10	3.5C*300/150	56	DPW/DPF011S	52.1-56	57	DPW/DPF 011	56.1-60
11	3.5C*400/185	64	DPW/DPF 012	60.1-66	65	DPW/DPF 012	60.1-66
12	3.5C*500/240	72.5	DPW/DPF 013	72.1-78	73.5	DPW/DPF 013	72.1-78

SL. NO.	CABLE SIZE	UNARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)	ARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)
		Overall Diameter O.D			Overall Diameter O.D		
1	4C*4	16	DPW/DPF01S	13.1-16	17.5	DPW/DPF01/01A	16.1-18
2	4C*6	17.5	DPW/DPF01/01A	16.1-18	18.5	DPW/DPF02/02A	18.1-20
3	4C*10	18.5	DPW/DPF02/02A	18.1-20	20.5	DPW/DPF03	20.1-23
4	4C*16	17.5	DPW/DPF02/02A	18.1-20	20	DPW/DPF03	20.1-23
5	4C*25	21	DPW/DPF03	20.1-23	23	DPW/DPF03	20.1-23
6	4C*35	23.5	DPW/DPF04/04A	23.1-26	25	DPW/DPF04/04A	23.1-26
7	4C*50	26	DPW/DPF04/04A	23.1-26	28	DPW/DPF05/05A	26.1-30
8	4C*70	30.5	DPW/DPF06/06A	30.1-33	32	DPW/DPF06/06A	30.1-33
9	4C*95	33.5	DPW/DPF07	33.1-37	35	DPW/DPF07	33.1-37
10	4C*120	37.5	DPW/DPF08	37.1-41	39	DPW/DPF08	37.1-41
11	4C*150	42	DPW/DPF09	41.1-46	43.5	DPW/DPF09	41.1-46
12	4C*185	46.5	DPW/DPF10/010A	46.1-52	48	DPW/DPF10/010A	46.1-52
13	4C*240	52.5	DPW/DPF011S	52.1-56	54	DPW/DPF011S	52.1-56
14	4C*300	58	DPW/DPF 011	56.1-60	59.5	DPW/DPF 011	56.1-60
15	4C*400	65.5	DPW/DPF 012	60.1-66	66.5	DPW/DPF 013A	66.1-72

GLAND COMPATIBLE WITH CABLE SIZE (Multicore 1.5sq.mm)

SL. NO.	CABLE SIZE	UNARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)	ARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)
		Overall Diameter O.D			Overall Diameter O.D		
1	2C*1.5	10	DPW/DPF01SS	8-13	12.5	DPW/DPF01SS	8-13
2	3C*1.5	10.5	DPW/DPF01SS	8-13	13	DPW/DPF01SS	8-13
3	4C*1.5	11.5	DPW/DPF01SS	8-13	13.5	DPW/DPF01S	13.1-16
4	5C*1.5	12.5	DPW/DPF01SS	8-13	14.5	DPW/DPF01S	13.1-16
5	6C*1.5	13.5	DPW/DPF01S	13.1-16	15.5	DPW/DPF01S	13.1-16
6	7C*1.5	13.5	DPW/DPF01S	13.1-16	15.5	DPW/DPF01S	13.1-16
7	8C*1.5	14.5	DPW/DPF01S	13.1-16	16.5	DPW/DPF01/01A	16.1-18
8	9C*1.5	15.5	DPW/DPF01S	13.1-16	17.5	DPW/DPF01/01A	16.1-18
9	10C*1.5	17	DPW/DPF01/01A	16.1-18	18.5	DPW/DPF02/02A	18.1-20
10	12C*1.5	17.5	DPW/DPF01/01A	16.1-18	19	DPW/DPF02/02A	18.1-20
11	14C*1.5	18	DPW/DPF01/01A	16.1-18	20	DPW/DPF02/02A	18.1-20
12	16C*1.5	18.5	DPW/DPF02/02A	18.1-20	19	DPW/DPF02/02A	18.1-20
13	19C*1.5	19.5	DPW/DPF02/02A	18.1-20	20	DPW/DPF02/02A	18.1-20
14	21C*1.5	20.5	DPW/DPF03	20.1-23	21	DPW/DPF03	20.1-23
15	24C*1.5	22.5	DPW/DPF03	20.1-23	23	DPW/DPF03	20.1-23
16	27C*1.5	23	DPW/DPF03	20.1-23	23.5	DPW/DPF04/04A	23.1-26
17	30C*1.5	23.5	DPW/DPF04/04A	23.1-26	24	DPW/DPF04/04A	23.1-26
18	33C*1.5	24	DPW/DPF04/04A	23.1-26	25	DPW/DPF04/04A	23.1-26
19	37C*1.5	25	DPW/DPF04/04A	23.1-26	26	DPW/DPF04/04A	23.1-26
20	44C*1.5	28	DPW/DPF05/05A	26.1-30	28.5	DPW/DPF05/05A	26.1-30
21	52C*1.5	29	DPW/DPF05/05A	26.1-30	30.5	DPW/DPF06/06A	30.1-33
22	61C*1.5	31	DPW/DPF06/06A	30.1-33	32	DPW/DPF06/06A	30.1-33



CABLE GLAND SIZE



GLAND COMPATIBLE WITH CABLE SIZE (Multicore 2.5sq.mm)

SL. NO.	CABLE SIZE	UNARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)	ARMoured CABLE	GLAND SIZE	CABLE RANGE (IN MM)
		Overall Diameter O.D			Overall Diameter O.D		
1	2C*2.5	11.5	DPW/DPF01SS	8-13	13.5	DPW/DPF01S	13.1-16
2	3C*2.5	12	DPW/DPF01SS	8-13	14	DPW/DPF01S	13.1-16
3	4C*2.5	13	DPW/DPF01SS	8-13	14.5	DPW/DPF01S	13.1-16
4	5C*2.5	14	DPW/DPF01S	13.1-16	15.5	DPW/DPF01S	13.1-16
5	6C*2.5	15	DPW/DPF01S	13.1-16	16.5	DPW/DPF 01	16.1-18
6	7C*2.5	15	DPW/DPF01S	13.1-16	16.5	DPW/DPF 01	16.1-18
7	8C*2.5	16	DPW/DPF01S	13.1-16	18	DPW/DPF01/01A	16.1-18
8	9C*2.5	16.5	DPW/DPF 01	16.1-18	19.5	DPW/DPF02/02A	18.1-20
9	10C*2.5	17.5	DPW/DPF01/01A	16.1-18	19	DPW/DPF02/02A	18.1-20
10	12C*2.5	18	DPW/DPF01/01A	16.1-18	19.5	DPW/DPF02/02A	18.1-20
11	14C*2.5	19	DPW/DPF02/02A	18.1-20	20	DPW/DPF02/02A	18.1-20
12	16C*2.5	20.5	DPW/DPF03	20.1-23	21.5	DPW/DPF03	20.1-23
13	19C*2.5	21.5	DPW/DPF03	20.1-23	22.5	DPW/DPF03	20.1-23
14	21C*2.5	22.5	DPW/DPF03	20.1-23	23.5	DPW/DPF04/04A	23.1-26
15	24C*2.5	24.5	DPW/DPF04/04A	23.1-26	25.5	DPW/DPF04/04A	23.1-26
16	27C*2.5	25.5	DPW/DPF04/04A	23.1-26	26.5	DPW/DPF05/05A	26.1-30
17	30C*2.5	26	DPW/DPF04/04A	23.1-26	27.5	DPW/DPF05/05A	26.1-30
18	33C*2.5	27	DPW/DPF05/05A	26.1-30	28.5	DPW/DPF05/05A	26.1-30
19	37C*2.5	28	DPW/DPF05/05A	26.1-30	29.5	DPW/DPF05/05A	26.1-30
20	44C*2.5	32	DPW/DPF06/06A	30.1-33	33	DPW/DPF06/06A	30.1-33
21	52C*2.5	33.5	DPW/DPF07	33.1-37	34.5	DPW/DPF07	33.1-37
22	61C*2.5	35	DPW/DPF07	33.1-37	36	DPW/DPF07	33.1-37

SPECIAL CABLE SIZE	GLAND SIZE RECOMMENDED	CABLE RANGE (IN MM)
1P * 1.0 sq mm	DPW-01S	13.1-16
2P * 1.0 sq mm	DPW-02	18.1-20
4P * 1.0 sq mm	DPW-03	20.1-23
6P * 1.0 sq mm	DPW-04	23.1-26
8P * 1.0 sq mm	DPW-05	26.1-30
10P * 1.0 sq mm	DPW-05	26.1-30
12P * 1.0 sq mm	DPW-06	30.1-33
1T * 1.0 sq mm	DPW-01S	13.1-16
3T * 1.0 sq mm	DPW-03	20.1-23
6T * 1.0 sq mm	DPW-05	26.1-30
8T * 1.0 sq mm	DPW-06	30.1-33
10T * 1.0 sq mm	DPW-07	33.1-37
(2C*3+1C)C*0.75 sq mm	DPW-01	16.1-18
1P*1.5 sq mm	DPW-01S	13.1-16