

One Stop Solution For
Cable Glands & Accessories



Preface

COMET INDUSTRIES - the varied gland manufacturing company has been re established since May - 1995. The company has always come out with solution to all Cable Fixations Problems of Electrical Engineering Needs.

Backed by vast experience of 30 years in this field & the team of the **COMET INDUSTRIES** with their deep endeavor has been enlightening the "**COSMOS**" cable glands quality to these heights, for providing performance, reliability & safety in the wide range of glands which can meet all installations requirements.

The main manufacturing activities are of our Single Compression, Double Compression, Weatherproof & Flameproof series glands, apart from the tailor made items which are manufactured on customer's drawings. Manufacturing procedures are covered under one roof of factory area of 3000 sq. ft. having Advanced equipments for Production.

Stringent quality systems are adhered as per International & National Standards such as BS : 6121-1 : 2005, IS/IEC 60079-1 : 2004 & IS/IEC 60529-2001 (Reaffirmed 2014)

Availability of product is made easy through a strong sales network outlets. Around of 80 dealers who are ready to give after sale services throughout this country.

Development as a management constant is the philosophy that has allowed "**COSMOS**" to become leaders in the national cable glands market. Customers continuous suggestions are our building force to success which we accept, implement & adhere. Loving Co-operation of our patrons is "**COSMOS**" fixing force for cables in Engineering line.



Our Values

Trustworthy Quality

All our products are carefully designed and manufactured with high-quality standards and tested for guaranteed performance. With three decades of experience and existence, we are committed to our customers. We measure the quality of our products and keep them consistent.

Safety & Security

For the last 27 years, we have delivered high-quality, durable, and effectively safe and secure products for your living or work spaces cabling needs. We provide the most thorough safe electrical cabling solutions on the market to keep lives safe.

Customer Satisfaction

Designed with your needs in mind, our cables glands are made of high-quality materials as per the requirement that will stand up to the toughest conditions. Customer satisfaction is our preferred performance matrix.

LIST OF CERTIFICATES

-  **COSMOS** Single Compression Heavy Duty Brass Cable Glands – SCG Series as per IS 12943, with IP 60 as per IS: 13947. Equivalent to SIBG
-  **COSMOS** Double Compression Weatherproof Brass Cable Glands as per BS 6121-1:2005 and BS EN 62444:2013 with IP 67 as per IS/IEC 60529:2013
-  **COSMOS** Double Compression Flameproof cum Weatherproof Brass Cable Glands suitable for Gas Group IIB. as per IS/IEC: 60079-1:2014, with IP 66 as per IS/IEC 60529:2001 (Reaffirmed 2014)
-  **COSMOS** Double Compression Flameproof cum Weatherproof Brass Cable Glands suitable for Gas Group IIC as per IS/IEC: 60079-1:2014, with IP 66 as per IS/IEC 60529:2001 (Reaffirmed 2014)
-  **COSMOS** Flameproof cum Weatherproof Stopping Plugs suitable for Gas Group IIB as per IS/IEC: 60079-1:2014, with IP 67 as per IS/IEC 60529:2001 (Reaffirmed 2014)
-  **COSMOS** Flameproof cum Weatherproof Stopping Plugs suitable for Gas Group IIC as per IS/IEC: 60079-1:2014, with IP 67 as per IS/IEC 60529:2001 (Reaffirmed 2014)
-  **COSMOS** Flameproof cum Weatherproof Reducers / Adaptors suitable for Gas Group IIB as per IS/IEC: 60079-1:2014, with IP 66 as per IS/IEC 60529:2001 (Reaffirmed 2014)
-  **COSMOS** Flameproof cum Weatherproof Reducers / Adaptors suitable for Gas Group IIC as per IS/IEC: 60079-1:2014, with IP 66 as per IS/IEC 60529:2001 (Reaffirmed 2014)
-  **COSMOS** ISI Certificate for Flameproof Double Compression Brass Cable Glands Suitable for Gas IIB & IIC as per IS/IEC 60079-1:2014
-  **COSMOS** Petroleum & Explosives Safety Organisation (PESO) Nagpur Certificate for Flameproof Double Compression Cable Glands suitable for Gas IIB & IIC as per IS/IEC 60079-1:2014

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ENGINEERS INDIA LIMITED



पावरग्रिड
Power Grid Corporation of India



TATA
CONSULTING
ENGINEERS LIMITED



AVANT-GARDE
SYSTEMS AND CONTROLS (P) LTD.



AkerSolutions



DEVELOPMENT CONSULTANTS PVT. LTD.



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JACOBS



OUR PRESTIGIOUS CLIENTS



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SIEMENS



LARSEN & TOUBRO



Reliance
Industries Limited



ABB



Ambuja
Cement



बी एच ई एल
BHEL



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peace of mind™



Dalmia
Bharat Group



GE
GE T&D India Limited



ACC
ACC LIMITED



ADITYA BIRLA
GRASIM



BAJAJ
Bajaj Electricals Ltd.
Inspiring Trust



ION EXCHANGE
Refreshing the Planet



praj

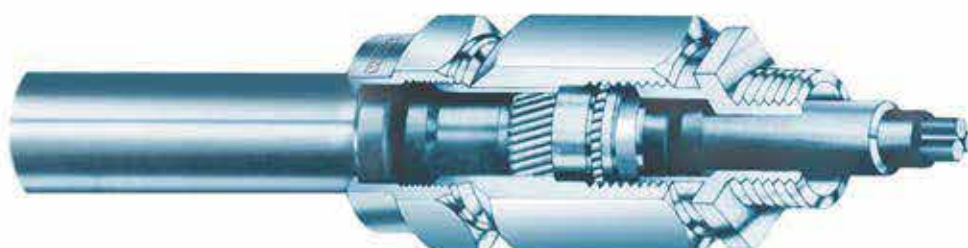
OUR PRESTIGIOUS CLIENTS



COSMOS Double Compression Weather Proof Cable Glands as per BS 6121-1: 2005 with IP 67 as per IS/IEC 60529 : 2013

TECHNICAL DATA:

Material	: Brass (IS-319) Standard, (Alu. / S.S / M.S. / also available).	Ref. Standard	: BS 6121-1 : 2005
Finish	: Nickel Plated Standard, (Tin / Cadmium / Chrome also available)	Ingress Protection	: IP 67 as per IS / IEC 60529 : 2013
Entry Threads	: BSC Standard, (PG / Metric / NPT / BSP also available)	Application	: For Armoured & Unarmoured Cables, Generally used for Outdoor & Indoor work.
Sealing Ring	: Neoprene	Series	: CIW



Application

Weather Proof Glands are used in Regular Climatic Conditions, Which are Water Proof & Dust Proof (IP 67). With the Protection of PVC Hood it can be used in Different Areas.

Parts of Glands:

1) Check Nut, 2) Washer, 3) Nipple Entry Part, 4) Neoprene Inner Rubber, 5) Armour Clamping cone, 6) Armour Clamping Ring, 7) Main Gland Body, 8) Neoprene Outer Rubber, 9) Skid Washer, 10) Gland Cover.

All the metal parts are made of brass, as per the Approved Drawing.

Certificates:

Type Test Report as per BS 6121 - 1 : 2005 with IP 67 as per IS / IEC 60529 : 2013

Accessories:

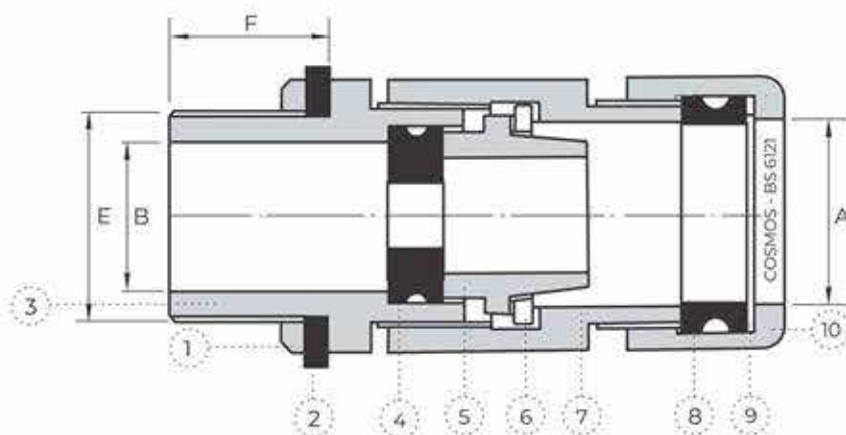
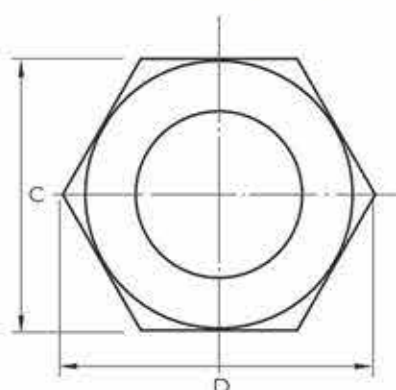
PVC Hood, Earth Tag, Stopping Plug, Reducers, Adaptors, etc are Available with Specified Dimensions, In Accordance to the Gland, Separately.

Fitting sequence

- (a) Insert Part No.10, 9, 8, & 7 respectively on the Outer Sheath of the cable before Exposing the Armour,
- (b) After Removing Over Sheath of the Cable, Insert Part No.6 over the Exposed Armour,
- (c) Size Armour length, Lift Armour, & Insert Part No.5 under the Armour, Taper Part facing Inward Side, Squeeze Part No.5, by pushing Part No.6, towards it,
- (d) Insert Part No.4 & 3 on Inner Sheath, Than tight Part No.3 with Part No.7, & Tight Part No.10 with Part No.7.
- (e) Finally Apply the full fitted Gland in the Enclosure with the Entry Thread provided, if The Enclosure does not have thread than tight the gland with the Part No.1 provided.



COSMOS Double Compression Weather Proof Cable Glands as per BS 6121 - 1 : 2005 with IP 67 as per IS / IEC 60529 : 2013



1	CHECK NUT	6	ARMOUR CLAMPING RING
2	WASHER	7	MAIN GLAND BODY
3	NIPPLE ENTRY PART	8	NEOPRENE OUTER RUBBER
4	NEOPRENE INNER RUBBER	9	SKID WASHER
5	ARMOUR CLAMPING CONE	10	GLAND COVER.

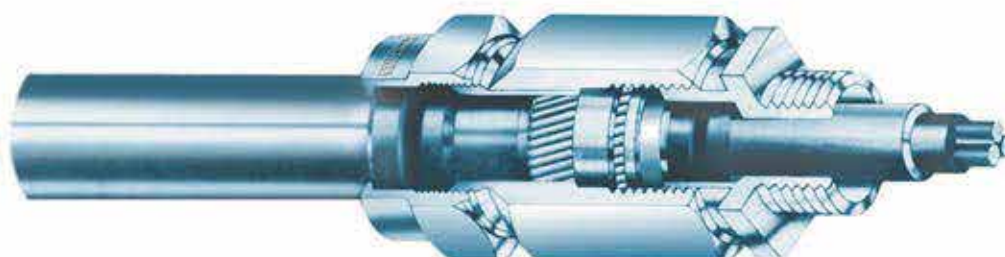
SUITABLE CABLE OVERALL DIA		COSMOS CODE CIW SERIES	A DIA MM	B DIA MM	C (A/F) MM	D (A/C) MM	E NIPPLE ENTRY (ET / BSC)	F LENGTH MM
FROM	TO							
6.0	13.0	CIW 01SS	13.0	13.0	21.0	24.0	3/4"	13.0
13.0	16.5	CIW 01S	18.0	14.5	25.0	29.0	3/4"	15.0
16.5	18.5	CIW 01	19.0	14.5	27.5	31.5	3/4"	15.0
16.5	18.5	CIW 01A	19.0	16.0	27.5	31.5	1"	15.0
18.5	20.0	CIW 02	21.0	18.0	30.0	34.5	1"	15.0
18.5	20.0	CIW 02A	21.0	14.5	30.0	34.5	3/4"	15.0
20.0	23.0	CIW 03	23.5	19.0	31.5	36.0	1"	15.0
23.0	26.0	CIW 04	27.0	20.5	36.0	41.5	1"	15.0
23.0	26.0	CIW 04A	27.0	22.0	36.0	41.5	1 1/4"	15.0
26.0	30.0	CIW 05	31.0	25.5	41.0	47.0	1 1/4"	15.0
26.0	30.0	CIW 05A	31.0	27.0	41.0	47.0	1 1/2"	15.0
30.0	33.0	CIW 06	34.5	31.0	47.0	54.0	1 1/2"	15.0
30.0	33.0	CIW 06A	34.5	27.0	47.0	54.0	1 1/4"	15.0
33.0	37.0	CIW 07	38.0	32.0	50.0	57.0	1 1/2"	15.0
37.0	41.0	CIW 08	42.5	38.5	56.0	64.0	2"	15.0
41.0	46.0	CIW 09	47.0	40.0	59.0	67.0	2"	15.0
46.0	52.0	CIW 010	53.0	44.0	67.0	77.0	2"	20.0
46.0	52.0	CIW 010A	53.0	50.0	67.0	77.0	2 1/2"	20.0
52.0	54.0	CIW 011S	57.0	51.0	74.0	85.0	2 1/2"	20.0
54.0	61.0	CIW 011	62.0	56.5	80.0	92.0	2 1/2"	20.0
61.0	66.0	CIW 012	68.0	64.0	85.0	98.0	3"	20.0
66.0	72.0	CIW 013A	73.0	67.0	90.0	103.0	3"	20.0
72.0	78.0	CIW 013	80.0	74.0	99.0	113.0	3 1/4"	20.0
78.0	84.0	CIW 014	85.0	78.0	105.0	121.0	3 1/2"	20.0
84.0	94.0	CIW 015	97.0	90.5	114.0	132.0	4"	20.0
94.0	104.0	CIW 016	106.0	101.0	130.0	149.0	4 1/2"	20.0

COSMOS Double Compression Flame Proof Cable Glands as per IS / IEC 60079 - 1 : 2014 with IP 66 as per IS IEC 600529 : 2001 (Reaffirmed 2014) Suitable For gas Group IIB

TECHNICAL DATA:

Material : Brass (IS-319) Standard,
(Alu./ S.S. / M.S. /also available)
Finish : Nickel Plated Standard,
(Tin / Cadmium / Chrome also Available)
Entry Threads : BSC Standard,
(PG / Metric / NPT / BSP also Available)
Sealing Ring : Neoprene,
Ref. Standard : IS / IEC 60079 - 1 : 2014

Ingress Protection : IP 66 as per IS / IEC 600529 : 2001
(Reaffirmed 2014)
Application : Generally used in Flammable Gas / Vapors, Area Suitable For Gas Group IIB.
Series : CIF
Certificates : CIMFR & PESO Certificate as per IS / IEC 60079 - 1 : 2014 for Gas Group IIB



Application:

Flame Proof Glands are generally used in Hazardous Area, as well as in Normal Climatic Conditions also, which are also Weather Proof, Water Proof & Dust Proof (IP 66). With the Protection of PVC Hood it can be used in Different Areas.

Parts of Glands:

1) Check Nut, 2) Washer, 3) Nipple Entry Part, 4) Neoprene Inner Rubber, 5) Armour Clamping cone, 6) Armour Clamping Ring, 7) Main Gland Body, 8) Neoprene Outer Rubber, 9) Skid Washer, 10) Gland Cover. As all the metal parts are made of brass, as per the Approved Drawing.

Certificates:

CIMFR & PESO Certificate as per IS / IEC 60079 - 1 : 2014 for Gas Group IIB

Accessories:

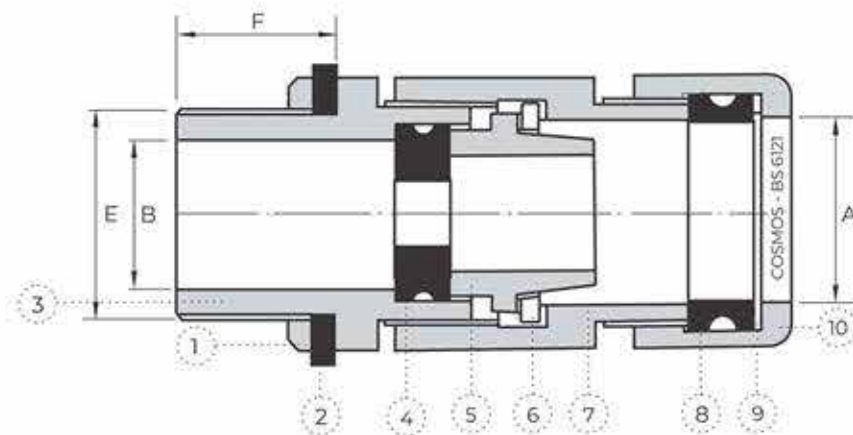
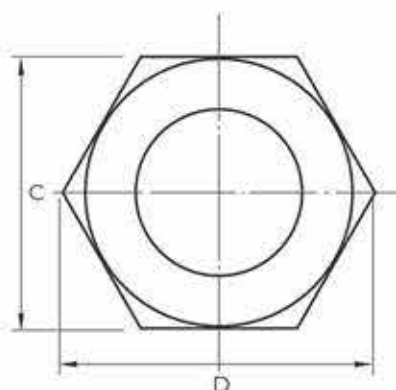
PVC Hood, Earth Tag, Stopping Plug, Reducers, Adaptors, etc. are Available with Specified Dimensions, In Accordance to the Gland, Separately

Fitting Sequence:

- Insert Part No.10, 9, 8, & 7 respectively on the Outer Sheath of the cable before Exposing the Armour,
- After Removing Over Sheath of the Cable, Insert Part No.6 over the Exposed Armour,
- Size Armour length, Lift Armour, & Insert Part No.5 under the Armour, Taper Part facing Inward Side, Squeeze Part No.5, by pushing Part No.6, towards it,
- Insert Part No.4 & 3 on Inner Sheath, than tight Part No.3 with Part No.7, & Tight Part No.10 with Part No.7.
- Finally apply the full fitted Gland in the Enclosure with the Entry Thread provided, if the Enclosure does not have thread than tight the gland with the Check nut provided.



COSMOS Double Compression Flame Proof Cable Glands as per IS / IEC 60079 -1 : 2014 with IP 66 as per IS / IEC 60529 : 2001 (Reaffirmed 2014) Suitable For gas Group IIB.



1	CHECK NUT	6	ARMOUR CLAMPING RING
2	WASHER	7	MAIN GLAND BODY
3	NIPPLE ENTRY PART	8	NEOPRENE OUTER RUBBER
4	NEOPRENE INNER RUBBER	9	SKID WASHER
5	ARMOUR CLAMPING CONE	10	GLAND COVER.

SUITABLE CABLE OVERALL DIA		CIF SERIES	A DIA MM	B DIA MM	C (A/F) MM	D (A/C) MM	E NIPPLE SIZE (INCHES)	F MM
FROM	TO							
6.0	13.0	CIF 01SS	13.0	13.0	21.0	24.0	3/4"	25.0
13.0	16.5	CIF 01S	18.0	14.5	25.0	29.0	3/4"	25.0
16.5	18.5	CIF 01	19.0	14.5	27.5	31.5	3/4"	25.0
16.5	18.5	CIF 01A	19.0	14.5	27.5	31.5	1"	25.0
18.5	20.0	CIF 02	21.0	18.0	30.0	34.5	1"	25.0
18.5	20.0	CIF 02A	21.0	14.5	30.0	34.5	3/4"	25.0
20.0	23.0	CIF 03	23.5	19.0	31.5	36.0	1"	25.0
23.0	26.0	CIF 04	27.0	20.5	36.0	41.5	1"	25.0
23.0	26.0	CIF 04A	27.0	22.0	36.0	41.5	1 1/4"	25.0
26.0	30.0	CIF 05	31.0	25.5	41.0	47.0	1 1/4"	25.0
26.0	30.0	CIF 05A	31.0	27.0	41.0	47.0	1 1/2"	25.0
30.0	33.0	CIF 06	34.5	31.0	47.0	54.0	1 1/2"	25.0
30.0	33.0	CIF 06A	34.5	27.0	47.0	54.0	1 1/4"	25.0
33.0	37.0	CIF 07	38.0	32.0	50.0	57.0	1 1/2"	25.0
37.0	41.0	CIF 08	42.5	38.5	56.0	64.0	2"	25.0
41.0	46.0	CIF 09	47.0	40.0	59.0	67.0	2"	25.0
46.0	52.0	CIF 010	53.0	44.0	67.0	77.0	2"	25.0
46.0	52.0	CIF 010A	53.0	50.0	67.0	77.0	2 1/2"	25.0
52.0	54.0	CIF 011S	57.0	51.0	74.0	85.0	2 1/2"	25.0
54.0	61.0	CIF 011	62.0	56.5	80.0	92.0	2 1/2"	25.0
61.0	66.0	CIF 012	68.0	64.0	85.0	98.0	3"	25.0
66.0	72.0	CIF 013A	73.0	67.0	90.0	103.0	3"	25.0
72.0	78.0	CIF 013	80.0	74.0	99.0	113.0	3 1/4"	25.0
78.0	84.0	CIF 014	85.0	78.0	105.0	121.0	3 1/2"	25.0
84.0	94.0	CIF 015	97.0	90.5	114.0	132.0	4"	25.0
94.0	104.0	CIF 016	106.0	101.0	130.0	149.0	4 1/2"	25.0

**COSMOS Double Compression Flame Proof Cable Glands as per IS / IEC 60079 - 1 : 2014
with IP 66 as per IS / IEC 60529 : 2001 (Reaffirmed 2014) Suitable For gas Group IIC**

TECHNICAL DATA:

Material	: Brass (IS-319) Standard (Alu./ S.S. / M.S. /also available)	Ref. Standard	: IS / IEC 60079 - 1 : 2014
Finish	: Nickel Plated Standard, (Tin / Cadmium / Chrome also Available)	Ingress Protection	: IP 66 as per IS / IEC 60029 : 2001 (Reaffirmed - 2014)
Entry Threads	: BSC Standard, (PG / Metric / NPT / BSP also Available)	Certificates	: CIMFR & PESO
Sealing Ring cc : Neoprene		Application	: Generally used in Flammable Gas / Vapors, Area Suitable For Gas Group IIC
		Series	: CIF IIC



Application:

IIC Flame Proof Glands are generally used in Hydrogen / Hazardous Area, as well as in Normal Climatic Conditions also, which are Weather Proof, Water Proof & Dust Proof (IP 66). With the Protection of PVC Hood it can be used in Different Areas.

Parts of Glands:

1) Check Nut, 2) Washer, 3) Nipple Entry Part, 4) Neoprene Inner Rubber, 5) Armour Clamping cone, 6) Armour Clamping Ring, 7) Main Gland Body, 8) Neoprene Outer Rubber, 9) Skid Washer, 10) Gland Cover. As all the metal parts are made of brass, as per the Approved Drawing.

Certificates:

CIMFR & PESO Certificate as per IS / IEC 60079 - 1 : 2014 For Gas Group IIC

Accessories:

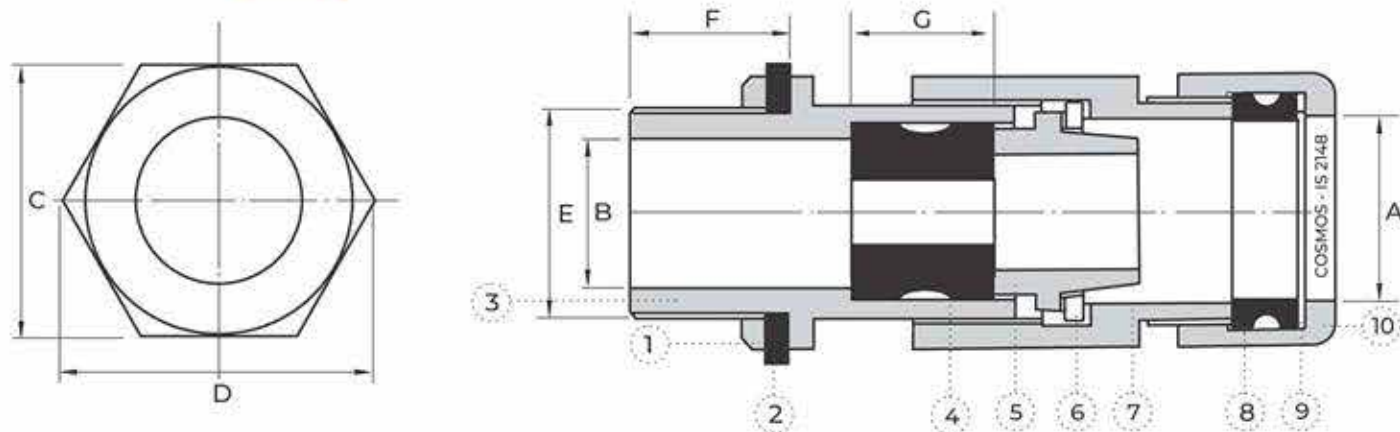
PVC Hood, Earth Tag, Stopping Plug, Reducers, Adaptors, etc are Available with Specified Dimensions, In Accordance to the Gland, Separately.

Fitting Sequence:

- Insert Part No.10, 9, 8, & 7 respectively on the Outer Sheath of the cable before exposing the Armour.
- After Removing Over Sheath of the Cable, Insert Part No.6 over the exposed Armour.
- Size Armour length, Lift Armour, & Insert Part No.5 under the Armour, Taper Part. Facing Inward side, Squeeze Part No.5, by pushing part No.6, towards it.
- Insert Part No.4 & 3 on Inner Sheath, than tight Part No.3 with Part No.7, & Tight Part No.10 with part No. 7.
- Finally apply the full fitted Gland in the Enclosure with the Entry Thread provided, if The Enclosure does not have thread than tight the gland with the Check nut provided.



COSMOS Double Compression Flame Proof Cable Glands as per IS/ IEC 60079 - 1 : 2014
with IP 66 as per IS/ IEC 60529 : 2001 (Reaffirmed 2014) Suitable For gas Group IIC



1	CHECK NUT	6	ARMOUR CLAMPING RING
2	WASHER	7	MAIN GLAND BODY
3	NIPPLE ENTRY PART	8	NEOPRENE OUTER RUBBER
4	NEOPRENE INNER RUBBER	9	SKID WASHER
5	ARMOUR CLAMPING CONE	10	GLAND COVER.

SUITABLE CABLE OVERALL DIA		CIW SERIES	A DIA MM	B DIA MM	C (A/F) MM	D (A/C) MM	E NIPPLE SIZE (INCHES)	F MM	G MM
FROM	TO								
6.0	13.0	CIF IIC 01SS	13.0	13.0	21.0	24.0	3/4"	25.0	25.0
13.0	16.5	CIF IIC 01S	18.0	14.5	25.0	29.0	3/4"	25.0	25.0
16.5	18.5	CIF IIC 01	19.0	14.5	27.5	31.5	3/4"	25.0	25.0
16.5	18.5	CIF IIC 01A	19.0	14.5	27.5	31.5	1"	25.0	25.0
18.5	20.0	CIF IIC 02	21.0	18.0	30.0	34.5	1"	25.0	25.0
18.5	20.0	CIF IIC 02A	21.0	14.5	30.0	34.5	3/4"	25.0	25.0
20.0	23.0	CIF IIC 03	23.5	19.0	31.5	36.0	1"	25.0	25.0
23.0	26.0	CIF IIC 04	27.0	20.5	36.0	41.5	1"	25.0	25.0
23.0	26.0	CIF IIC 04A	27.0	22.0	36.0	41.5	1 1/4"	25.0	25.0
26.0	30.0	CIF IIC 05	31.0	25.5	41.0	47.0	1 1/4"	25.0	25.0
26.0	30.0	CIF IIC 05A	31.0	27.0	41.0	47.0	1 1/2"	25.0	25.0
30.0	33.0	CIF IIC 06	34.5	31.0	47.0	54.0	1 1/2"	25.0	25.0
30.0	33.0	CIF IIC 06A	34.5	27.0	47.0	54.0	1 1/4"	25.0	25.0
33.0	37.0	CIF IIC 07	38.0	32.0	50.0	57.0	1 1/2"	25.0	25.0
37.0	41.0	CIF IIC 08	42.5	38.5	56.0	64.0	2"	25.0	25.0
41.0	46.0	CIF IIC 09	47.0	40.0	59.0	67.0	2"	25.0	25.0
46.0	52.0	CIF IIC 010	53.0	44.0	67.0	77.0	2"	25.0	25.0
46.0	52.0	CIF IIC 010A	53.0	50.0	67.0	77.0	2 1/2"	25.0	25.0
52.0	56.0	CIF IIC 011S	57.0	51.0	74.0	85.0	2 1/2"	25.0	25.0
56.0	61.0	CIF IIC 011	62.0	56.5	80.0	92.0	2 1/2"	25.0	25.0
61.0	66.0	CIF IIC 012	68.0	64.0	85.0	98.0	3"	25.0	25.0
66.0	72.0	CIF IIC 013A	73.0	67.0	90.0	103.0	3"	25.0	25.0
72.0	78.0	CIF IIC 013	80.0	74.0	99.0	113.0	3 1/4"	25.0	25.0
78.0	84.0	CIF IIC 014	85.0	78.0	105.0	121.0	3 1/2"	25.0	25.0
84.0	94.0	CIF IIC 015	97.0	90.5	114.0	132.0	4"	25.0	25.0
94.0	104.0	CIF IIC 016	106.0	101.0	130.0	149.0	4 1/2"	25.0	25.0

COSMOS Double Compression Weather Proof Cable Glands as per BS 6121 - 1 : 2005 with IP 67 as per IS / IEC 60529 : 2013 for Unarmoured Cables

TECHNICAL DATA:

Material	: Brass (IS-319) Standard, (Alu./ S.S. / M.S. /also available).	Ref. Standard	: BS 6121 - 1 : 2005
Finish	: Nickel Plated Standard, (Tin / Cadmium / Chrome also Available)	Ingress Protection	: IP 67 as per IS / IEC 60529 : 2013
Entry Threads	: BSC Standard, (PG / Metric / NPT / BSP also Available)	Application	: Generally Used Under Indoor & Outdoor Conditions Use For Unarmoured Cables
Sealing Ring	: Neoprene	Series	: CIW



Application

Unarmoured Glands are used in Regular Climatic Conditions, which are Water Proof & Dust Proof (IP 67). With the Protection of PVC Hood it can be used in Different Areas.

Parts of Glands:

1) Check Nut, 2) Washer, 3) Nipple Entry Part, 4) Neoprene Inner Rubber, 5) Main Gland Body, 6) Neoprene Outer Rubber, 7) Skid Washer, 8) Gland Cover. As all the metal parts are made of brass, as per the Approved Drawing.

Certificates:

Type Test Report as per BS 6121 - 1 : 2015 with IP 67 as per IS / IEC 60529 : 2013

Accessories:

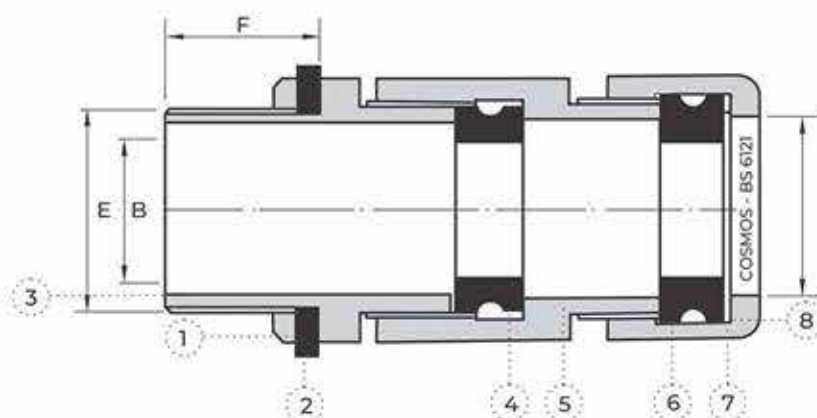
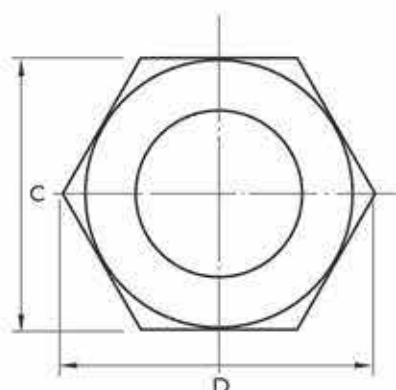
PVC Hood, Earth Tag, Stopping Plug, Reducers, Adaptors, etc are Available with Specified Dimensions. In Accordance to the Gland, Separately.

Fitting sequence

- (a) Insert Part No. 8, 7, 6, 5 & 4 respectively on the Outer Sheath of the cable.
- (b) Insert Part No. 3 on Outer Sheath, then tight Part No.3 with Part No.5, & Tight Part No.8 with Part No.5.
- (c) Finally Apply the full fitted Gland in the Enclosure with the Entry Thread provided, if The Enclosure does not have thread than tight the gland with the Part No.1 provided.



COSMOS Double Compression Weather Proof Cable Glands as per BS 6121 -1 : 2005 with IP 67 as per IS / IEC 60529 : 2013 for Unarmoured Cables



1	CHECK NUT	5	MAIN GLAND BODY
2	WASHER	6	NEOPRENE OUTER RUBBER
3	NIPPLE ENTRY PART	7	SKID WASHER
4	NEOPRENE INNER RUBBER	8	GLAND COVER

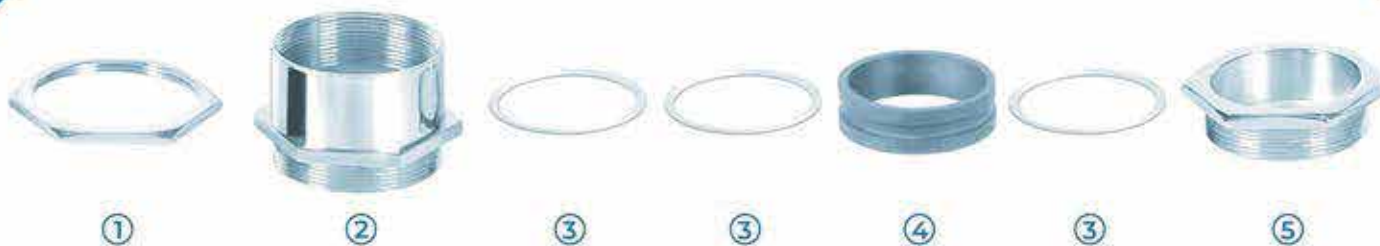


SUITABLE CABLE OVERALL DIA		COSMOS CODE CIW SERIES	A DIA MM	B DIA MM	C (A/F) MM	D (A/C) MM	E NIPPLE ENTRY (ET / BSC)	F LENGTH MM
FROM	TO							
5.0	11.0	CIW 01SS	13.0	14.0	22.0	25.0	3/4"	15.0
11.0	14.0	CIW 01S	16.5	14.5	25.0	29.0	3/4"	15.0
14.0	18.0	CIW 01A	19.0	19.0	27.5	31.5	1"	15.0
18.0	20.0	CIW 03	23.5	20.0	31.5	36.0	1"	15.0
20.0	22.0	CIW 03A	23.5	22.0	31.5	36.0	28 mm	15.0
22.0	25.0	CIW 04A	27.0	26.0	36.0	41.5	1 1/4"	15.0
25.0	30.0	CIW 05A	31.0	31.0	41.0	47.0	1 1/2"	15.0
30.0	33.0	CIW 06	34.5	33.0	47.0	54.0	1 1/2"	15.0
33.0	36.0	CIW 07A	38.0	36.0	50.0	57.0	42"	15.0
36.0	41.0	CIW 08	42.5	44.0	56.0	64.0	2"	15.0
41.0	44.0	CIW 09	47.0	44.0	59.0	67.0	2"	15.0
44.0	52.0	CIW 010A	53.0	53.0	67.0	77.0	2 1/2"	20.0
52.0	56.0	CIW 011	62.0	56.0	80.0	92.0	2 1/2"	20.0
56.0	66.0	CIW 012	68.0	67.0	85.0	98.0	3"	20.0
66.0	74.0	CIW 013	80.0	74.5	99.0	113.0	3 1/4"	20.0
74.0	80.0	CIW 014	85.0	80.0	105.0	121.0	3 1/2"	20.0
80.0	90.0	CIW 015	97.0	90.5	114.0	132.0	4"	20.0
90.0	100.0	CIW 016	106.0	101.0	130.0	149.0	4 1/2"	20.0

COSMOS Single Compression Heavy Duty Cable Glands as per IS 12943: 1990 with IP 60 as per IS 13947

TECHNICAL DATA:

Material	: Brass (IS-319) Standard, (Alu./ S.S. / M.S. /also available)	Ref. Standard	: IS 12943 - 1990
Finish	: Nickel Plated Standard, (Tin / Cadmium / Chrome also Available)	Ingress Protection	: IP 60 as per IS 13947,
Entry Threads	: Metric Standard, (BSC / PG / NPT / BSP also Available)	Application	: Generally for indoor use for Armoured & Unarmoured Cables
Sealing Ring	: Natural	Series	: SCG



Application:

Single Compression Glands are used in Regular Climatic Conditions, Which are Weather Proof & Dust Proof (IP 60). With the Protection of PVC Hood it can be used in Different Areas.

Parts of Glands:

1) Check Nut, 2) Main Gland Body, 3) Metal Washer (3.Nos), 4) Outer Sheath Rubber, 5) Gland Cover.

As all the metal parts are made of brass, as per the Approved Drawing.

Certificates:

Type Test Report from Regional Testing Center as per IS 12943, with IP 60,

Accessories:

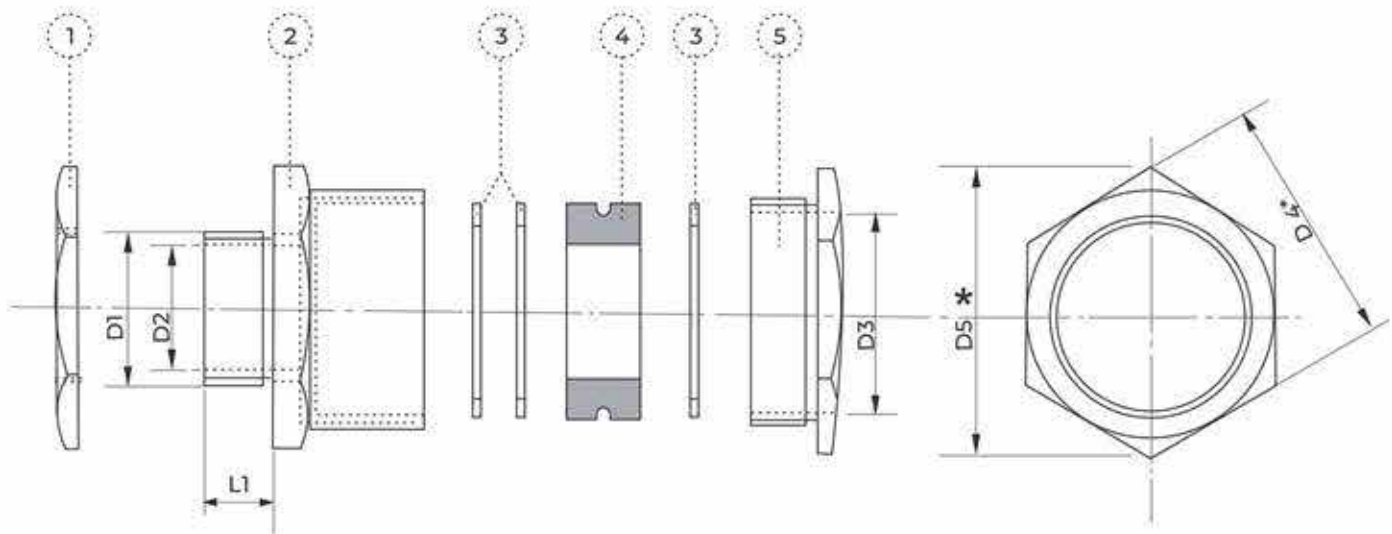
PVC Hood, Earth Tag, Stopping Plug, Reducers, Adaptors, etc are Available with Specified Dimensions, In Accordance to the Gland, Separately.

Fitting sequence

- a) Insert Part No.5, 3, & 4 Respectively on the Outer Sheath of the cable Before Exposing the Armour,
- b) After Removing Over Sheath of the Cable, Insert Part No.3, Now Exposed Armour, Size the Armour length According to the Washer & bend the same, Again Insert Part No.3 & place on the Bended Washer, so as to Secured armour safely.
- c) Insert Part No.2 on Inner Sheath, Than tight Part No.2 with Part No.5,
- d) Finally Apply the full fitted Gland in the Enclosure with the Entry Thread provided, if the Enclosure does not have thread than tight the gland with the Part No.1 provided



COSMOS Single Compression Heavy Duty Cable Glands as per IS 12943: 1990 with IP 60 as per IS 13947



Sr. No.	NAME OF PART	MATERIAL	QTY.
1	CHECK NUT	BRASS	1
2	GLAND BODY	BRASS	1
3	WASHER	BRASS / MS	3

Sr. No.	NAME OF PART	MATERIAL	QTY.
4	OUTER SEALRING GROOVED	NATURAL RUBBER	1
5	COMPRESSION RING	BRASS	1

SUITABLE FOR CABLE OVERALL DIA From To		SIZE	D1 NIPPLE SIZE IN METRIC	D2	D3	D4	D5	L1
9.0	12.0	SCG 1	16 X 1.5	12.0	16.0	22.0	25.5	9.0
12.0	15.5	SCG 2	16 X 1.5	12.0	18.5	25.0	29.0	9.0
12.0	15.5	SCG 3	20 X 1.5	15.0	18.5	25.0	29.0	9.0
15.5	21.0	SCG 4	20 X 1.5	15.0	24.0	30.0	34.5	9.5
15.5	21.0	SCG 5	25 X 1.5	20.5	24.0	31.5	36.0	9.5
21.0	25.0	SCG 6	25 X 1.5	20.5	28.5	35.0	40.0	10.0
25.0	29.0	SCG 7	32 X 1.5	27.0	33.0	40.0	46.0	12.0
29.0	33.0	SCG 8	40 X 1.5	34.0	37.0	46.0	53.0	12.0
33.0	38.0	SCG 9	40 X 1.5	34.0	41.0	50.0	57.5	12.0
38.0	43.0	SCG 10	50 X 1.5	44.0	47.0	58.0	67.0	13.0
43.0	50.0	SCG 11	50 X 1.5	44.0	52.0	65.0	75.0	13.0
43.0	51.0	SCG 12	63 X 1.5	55.0	61.5	73.0	84.0	14.0
51.0	61.0	SCG 13	63 X 1.5	55.0	65.0	77.0	89.0	14.0
61.0	66.0	SCG 14	75 X 1.5	68.0	71.0	85.0	98.0	15.0
66.0	79.0	SCG 16	82 X 1.5	73.0	82.0	97.0	112.0	17.0

PG TREADED NYLON CABLE GLANDS

SELECTION GUIDE

Cable Overall Diameter (mm) Suitable For		"COSMOS" Gland Code Size	Panel Hole Size
From	To		
3.5	- 6.0	PG 7	12
4.0	- 8.0	PG 9	16
5.0	- 10.0	PG 11	18
6.0	- 12.0	PG 13.5	20
10.0	- 14.0	PG 16	22
12.0	- 15.0	PG 19	24
13.0	- 18.0	PG 21	27
15.0	- 22.0	PG 25	30
18.0	- 25.0	PG 29	36
22.0	- 32.0	PG 36	46
30.0	- 38.0	PG 42	54
32.0	- 44.0	PG 48	59
42.0	- 54.0	PG 63	71

PG TYPE CABLE GLAND

Technical Data



Material	Nylon (Polyamide)
Colour	Grey, White & Black
Entry Threads	PG / Metric
Application	Generally Used for Flexible Cables.
Cable O.D. Range	3.5 mm to 63.0 mm



BW TYPE CABLE GLAND

Technical Data



Material	Brass (IS-319) Standard.
Finish	Brass (Natural)
Range	20 mm to 90 mm
Ref. Standard	BS 6121
Application	Generally for Dry indoor situation, for plastic or rubber insulated single wire armoured

CW TYPE CABLE GLAND

Technical Data



Material	Brass (IS-319) Standard.
Finish	Brass (Natural)
Range	20 mm to 90 mm
Ref. Standard	BS 6121
Application	Generally for Dry indoor situation, for plastic or rubber insulated single wire armoured or cable extruded or lapped bedding

WIPPING GLAND

Technical Data



Material	Brass (IS-319) Standard.
Finish	Natural (Tin/Cadmium/Chrome also available)
Threads	M10 for Earthing
Application	Generally used in Transformers & Switch Gears as per customers requirement

ACCESSORIES FOR GLANDS

COSMOS FLAMEPROOF STOPPING PLUG FOR GAS GROUP IIB



Material	Brass (IS-319) Standard. (AL /MS / S.S also available)
Finish	Nickel plated - Standard (Tin / Cadmium / Chrome also available)
Threads	BSC - Standard (PG / Metric / NPT / BSP also available)
Ref.Standard	IS / IEC 60079 - 1 : 2014
Ingress Prot.	IP 67, as per IS / IEC 60529 - 1 : 2014
Cert. by	CIMFR
Application	Flameproof used in flammable gas vapor area (Gas Group IIB)

COSMOS FLAMEPROOF REDUCER / ADAPTER FOR GAS GROUP IIB



Material	Brass (IS-319) Standard. (AL /MS / S.S also available)
Finish	Nickel plated - Standard (Tin / Cadmium / Chrome also available)
Threads	BSC - Standard (PG / Metric / NPT / BSP also available)
Ref.Standard	IS / IEC 60079 - 1 : 2014
Ingress Prot.	IP 66, as per IS / IEC 60529 - 1 : 2014
Cert. by	CIMFR
Application	Flameproof used in flammable gas vapor area (Gas Group IIB)

COSMOS FLAMEPROOF STOPPING PLUG FOR GAS GROUP IIC



Material	Brass (IS-319) Standard. (AL /MS / S.S also available)
Finish	Nickel plated - Standard (Tin / Cadmium / Chrome also available)
Threads	BSC - Standard (PG / Metric / NPT / BSP also available)
Ref.Standard	IS / IEC 60079 - 1 : 2014
Ingress Prot.	IP 67, as per IS / IEC 60529 - 1 : 2014
Cert. by	CIMFR
Application	Flameproof used in flammable gas vapor area (Gas Group IIC)

COSMOS FLAMEPROOF REDUCER / ADAPTER FOR GAS GROUP IIC



Material	Brass (IS-319) Standard. (AL /MS / S.S also available)
Finish	Nickel plated - Standard (Tin / Cadmium / Chrome also available)
Threads	BSC - Standard (PG / Metric / NPT / BSP also available)
Ref.Standard	IS / IEC 60079 - 1 : 2014
Ingress Prot.	IP 66, as per IS / IEC 60529 - 1 : 2014
Cert. by	CIMFR
Application	Flameproof used in flammable gas vapor area (Gas Group IIC)

COSMOS SHROUDS



MOC	PVC / LSZH / FRLS
Application	For protecting cable glands from climate conditions

COSMOS EARTH TAG



MOS	BRASS
Application	For Earthing Purpose, The Earth Tag ensures earthing continuity between gland and Enclosure.

SINGLE CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
1 x 4	8.0	CI 5/8"	SCG 2	(1616)	09 mm	16 mm	CIW 01SS	CIF 01SS	3/4"
1 x 6	8.5	CI 5/8"	SCG 2	(1616)	09 mm	16 mm	CIW 01SS	CIF 01SS	3/4"
1 x 10	9.5	CI 5/8"	SCG 2	(1616)	09 mm	16 mm	CIW 01SS	CIF 01SS	3/4"
1 x 16	10.0	CI 5/8"	SCG 3	(1619)	11 mm	20 mm	CIW 01SS	CIF 01SS	3/4"
1 x 25	12.0	CI 3/4"	SCG 3	(1619)	13 mm	20 mm	CIW 01S	CIF 01S	3/4"
1 x 35	13.0	CI 3/4"	SCG 3	(1619)	13 mm	20 mm	CIW 01S	CIF 01S	3/4"
1 x 50	14.0	CI 3/4"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
1 x 70	16.0	CI 1"	SCG 5	(2125)	16 mm	25 mm	CIW 01A	CIF 01A	1"
1 x 95	17.5	CI 1"	SCG 5	(2125)	18 mm	25 mm	CIW 01A	CIF 01A	1"
1 x 120	19.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
1 x 150	21.5	CI 1 1/8"	SCG 7	(2932)	23 mm	32 mm	CIW 03A	CIF 03A	28 mm
1 x 185	23.5	CI 1 1/8"	SCG 7	(2932)	25 mm	32 mm	CIW 04A	CIF 04A	1 1/4"
1 x 240	26.0	CI 1 1/4"	SCG 7	(2932)	27 mm	32 mm	CIW 05A	CIF 05A	1 1/2"
1 x 300	28.5	CI 1 3/8"	SCG 8	(2938)	29 mm	40 mm	CIW 05A	CIF 05A	1 1/2"
1 x 400	33.0	CI 1 1/2"	SCG 8	(2938)	33 mm	40 mm	CIW 06	CIF 06	1 1/2"
1 x 500	36.0	CI 1 3/4"	SCG 10	(4251)	36 mm	50 mm	CIW 08	CIF 08	2"
1 x 630	40.0	CI 1 3/4"	SCG 10	(4251)	40 mm	50 mm	CIW 08	CIF 08	2"
1 x 800	46.0	CI 2 1/4"	SCG 12	(5463)	46 mm	63 mm	CIW 010A	CIF 010A	2 1/2"
1 x 1000	52.0	CI 2 1/2"	SCG 13	(6063)	53 mm	63 mm	CIW 010A	CIF 010A	2 1/2"


TWIN CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
2 x 4	13.0	CI 3/4"	SCG 3	(1619)	13 mm	20 mm	CIW 01S	CIF 01S	3/4"
2 x 6	14.0	CI 3/4"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
2 x 10	16.0	CI 1"	SCG 5	(2125)	16 mm	25 mm	CIW 01A	CIF 01A	1"
2 x 16	17.0	CI 1"	SCG 5	(2125)	18 mm	25 mm	CIW 01A	CIF 01A	1"
2 x 25	18.0	CI 1"	SCG 5	(2125)	18 mm	25 mm	CIW 01A	CIF 01A	1"
2 x 35	19.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
2 x 50	21.0	CI 1 1/8"	SCG 7	(2932)	21 mm	32 mm	CIW 03A	CIF 03A	28 mm
2 x 70	23.0	CI 1 1/8"	SCG 7	(2932)	23 mm	32 mm	CIW 04A	CIF 04A	1 1/4"
2 x 95	26.5	CI 1 1/4"	SCG 7	(2932)	27 mm	32 mm	CIW 05A	CIF 05A	1 1/2"
2 x 120	28.5	CI 1 3/8"	SCG 8	(2938)	29 mm	40 mm	CIW 05A	CIF 05A	1 1/2"
2 x 150	32.0	CI 1 1/2"	SCG 8	(2938)	33 mm	40 mm	CIW 06	CIF 06	1 1/2"
2 x 185	35.5	CI 1 3/4"	SCG 10	(4251)	36 mm	50 mm	CIW 07A	CIF 07A	42 mm
2 x 240	39.5	CI 1 3/4"	SCG 10	(4251)	40 mm	50 mm	CIW 08	CIF 08	2"
2 x 300	43.5	CI 2"	SCG 11	(5451)	44 mm	50 mm	CIW 09	CIF 09	2"
2 x 400	49.0	CI 2 1/4"	SCG 12	(5463)	50 mm	63 mm	CIW 010A	CIF 010A	2 1/2"
2 x 500	55.0	CI 2 1/2"	SCG 13	(6063)	55 mm	63 mm	CIW 011	CIF 011	2 1/2"
2 x 630	61.5	CI 2 3/4"	SCG 14	(6675)	62 mm	75 mm	CIW 012	CIF 012	3"

THREE CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
3 x 4	15.0	CI 3/4"	SCG 3	(1619)	15 mm	20 mm	CIW 01A	CIF 01A	1"
3 x 6	16.0	CI 1"	SCG 5	(2125)	16 mm	25 mm	CIW 01A	CIF 01A	1"
3 x 10	17.5	CI 1"	SCG 5	(2125)	18 mm	25 mm	CIW 01A	CIF 01A	1"
3 x 16	18.0	CI 1"	SCG 5	(2125)	18 mm	25 mm	CIW 01A	CIF 01A	1"
3 x 25	20.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
3 x 35	21.5	CI 1 1/8"	SCG 7	(2932)	23 mm	32 mm	CIW 03A	CIF 03A	28 MM
3 x 50	24.5	CI 1 1/4"	SCG 7	(2932)	25 mm	32 mm	CIW 04A	CIF 04A	1 1/4"
3 x 70	29.0	CI 1 3/8"	SCG 8	(2938)	30 mm	40 mm	CIW 05A	CIF 05A	1 1/2"
3 x 95	32.5	CI 1 1/2"	SCG 8	(2938)	33 mm	40 mm	CIW 06	CIF 06	1 1/2"
3 x 120	34.5	CI 1 3/4"	SCG 10	(4251)	36 mm	50 mm	CIW 07A	CIF 07A	42 MM
3 x 150	38.5	CI 1 3/4"	SCG 10	(4251)	40 mm	50 mm	CIW 08	CIF 08	2"
3 x 185	43.5	CI 2"	SCG 11	(5451)	44 mm	50 mm	CIW 09	CIF 09	2"
3 x 240	48.5	CI 2 1/4"	SCG 12	(5463)	50 mm	63 mm	CIW 010A	CIF 010A	2 1/2"
3 x 300	51.5	CI 2 1/4"	SCG 12	(6063)	53 mm	63 mm	CIW 010A	CIF 010A	2 1/2"
3 x 400	59.0	CI 2 3/4"	SCG 14	(6675)	60 mm	75 mm	CIW 012	CIF 012	3"
3 x 500	66.0	CI 3"	SCG 14	(6675)	66 mm	75 mm	CIW 012	CIF 012	3"
3 x 630	72.0	CI 3 1/4"	SCG 16	(7882)	73 mm	82 mm	CIW 013	CIF 013	3 1/4"



THREE & HALF CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
3 1/2 x 25/16 sm/rm	22.0	CI 1 1/8"	SCG 7	(2932)	23 mm	32 mm	CIW 03A	CIF 03A	28 MM
3 1/2 x 35/16 sm/rm	24.0	CI 1 1/4"	SCG 7	(2932)	25 mm	32 mm	CIW 04A	CIF 04A	1 1/4"
3 1/2 x 50/25 sm	27.5	CI 1 3/8"	SCG 8	(2938)	29 mm	40 mm	CIW 05A	CIF 05A	1 1/2"
3 1/2 x 70/35 sm	31.0	CI 1 1/2"	SCG 8	(2938)	31 mm	40 mm	CIW 06	CIF 06	1 1/2"
3 1/2 x 95/50 sm	35.0	CI 1 3/4"	SCG 10	(4251)	36 mm	50 mm	CIW 07A	CIF 07A	42 MM
3 1/2 x 120/70 sm	37.5	CI 1 3/4"	SCG 10	(4251)	38 mm	50 mm	CIW 08	CIF 08	2"
3 1/2 x 150/70 sm	41.0	CI 1 3/4"	SCG 10	(4251)	42 mm	50 mm	CIW 08	CIF 08	2"
3 1/2 x 185/95 sm	46.5	CI 2 1/4"	SCG 12	(5463)	48 mm	63 mm	CIW 010A	CIF 010A	2 1/2"
3 1/2 x 240/120 sm	52.5	CI 2 1/2"	SCG 13	(6063)	53 mm	63 mm	CIW 011	CIF 011	2 1/2"
3 1/2 x 300/150 sm	56.0	CI 2 3/4"	SCG 14	(6675)	58 mm	75 mm	CIW 011	CIF 011	2 1/2"
3 1/2 x 400/185 sm	64.0	CI 3"	SCG 14	(6675)	64 mm	75 mm	CIW 012	CIF 012	3"
3 1/2 x 500/240 sm	72.5	CI 3 1/4"	SCG 16	(7882)	74 mm	82 mm	CIW 013	CIF 013	3 1/4"
3 1/2 x 630/300 sm	80.0	CI 3 1/2"	SCG 17	(SPI)	80 mm	90 mm	CIW 014	CIF 014	3 1/2"

FOR UNARMoured CABLE

FOUR CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
4 x 4	16.0	CI 1"	SCG 5	(2125)	16 mm	25 mm	CIW 01A	CIF 01A	1"
4 x 6	17.5	CI 1"	SCG 5	(2125)	18 mm	25 mm	CIW 01A	CIF 01A	1"
4 x 10	18.5	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
4 x 16	20.5	CI 1 1/8"	SCG 7	(2932)	21 mm	32 mm	CIW 03A	CIF 03A	28 mm
4 x 25	21.0	CI 1 1/8"	SCG 7	(2932)	21 mm	32 mm	CIW 03A	CIF 03A	28 mm
4 x 35	23.5	CI 1 1/8"	SCG 7	(2932)	25 mm	32 mm	CIW 04A	CIF 04A	1 1/4"
4 x 50	26.0	CI 1 1/4"	SCG 7	(2932)	27 mm	32 mm	CIW 05	CIF 05	1 1/4"
4 x 70	30.5	CI 1 3/8"	SCG 8	(2938)	31 mm	40 mm	CIW 06	CIF 06	1 1/2"
4 x 95	33.5	CI 1 3/4"	SCG 10	(4251)	35 mm	50 mm	CIW 07A	CIF 07A	42 mm
4 x 120	37.0	CI 1 3/4"	SCG 10	(4251)	38 mm	50 mm	CIW 08	CIF 08	2"
4 x 150	42.5	CI 2"	SCG 10	(4251)	42 mm	50 mm	CIW 09	CIF 09	2"
4 x 185	46.5	CI 2 1/4"	SCG 12	(5463)	48 mm	63 mm	CIW 010A	CIF 010A	2 1/2"
4 x 240	52.5	CI 2 1/2"	SCG 13	(6063)	53 mm	63 mm	CIW 011	CIF 011	2 1/2"
4 x 300	58.0	CI 2 3/4"	SCG 14	(6675)	60 mm	75 mm	CIW 012	CIF 012	3"
4 x 400	66.0	CI 3"	SCG 14	(6675)	66 mm	75 mm	CIW 012	CIF 012	3"


1100 VOLTS MULTICORE CONTROL CABLE WITH SOLID COPPER CONDUCTOR OF SIZE 1.5 SQ. MM XLPE INSULATED, UNARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
2 x 1.5	10.0	CI 5/8"	SCG 3	(1619)	11 mm	20 mm	CIW 01SS	CIF 01SS	3/4"
3 x 1.5	10.5	CI 5/8"	SCG 3	(1619)	11 mm	20 mm	CIW 01SS	CIF 01SS	3/4"
4 x 1.5	11.5	CI 5/8"	SCG 3	(1619)	13 mm	20 mm	CIW 01SS	CIF 01SS	3/4"
5 x 1.5	12.5	CI 5/8"	SCG 3	(1619)	13 mm	20 mm	CIW 01SS	CIF 01SS	3/4"
6 x 1.5	13.5	CI 3/4"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
7 x 1.5	14.0	CI 3/4"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
10 x 1.5	17.0	CI 1"	SCG 5	(2125)	18 mm	25 mm	CIW 01A	CIF 01A	1"
12 x 1.5	17.5	CI 1"	SCG 5	(2125)	18 mm	25 mm	CIW 01A	CIF 01A	1"
14 x 1.5	18.0	CI 1"	SCG 5	(2125)	18 mm	25 mm	CIW 01A	CIF 01A	1"
16 x 1.5	18.5	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
19 x 1.5	20.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
24 x 1.5	22.5	CI 1 1/8"	SCG 7	(2932)	23 mm	32 mm	CIW 04A	CIF 04A	1 1/4"
27 x 1.5	23.0	CI 1 1/8"	SCG 7	(2932)	23 mm	32 mm	CIW 04A	CIF 04A	1 1/4"
30 x 1.5	23.5	CI 1 1/8"	SCG 7	(2932)	25 mm	32 mm	CIW 04A	CIF 04A	1 1/4"
37 x 1.5	25.0	CI 1 1/4"	SCG 7	(2932)	25 mm	32 mm	CIW 04A	CIF 04A	1 1/4"
44 x 1.5	28.0	CI 1 3/8"	SCG 8	(2938)	29 mm	40 mm	CIW 05A	CIF 05A	1 1/2"
52 x 1.5	29.0	CI 1 3/8"	SCG 8	(2938)	30 mm	40 mm	CIW 05A	CIF 05A	1 1/2"
61 x 1.5	31.0	CI 1 1/2"	SCG 8	(2938)	31 mm	40 mm	CIW 06	CIF 06	1 1/2"

1100 VOLTS MULTICORE CONTROL CABLE WITH SOLID COPPER CONDUCTOR OF SIZE 2.5 SQ. MMXLPE INSULATED, UNARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
2 x 2.5	11.5	CI 5/8"	SCG 3	(1619)	13 mm	20 mm	CIW 01SS	CIF 01SS	3/4"
3 x 2.5	12.0	CI 3/4"	SCG 3	(1619)	13 mm	20 mm	CIW 01SS	CIF 01SS	3/4"
4 x 2.5	13.0	CI 3/4"	SCG 3	(1619)	13 mm	20 mm	CIW 01S	CIF 01S	3/4"
5 x 2.5	14.0	CI 3/4"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
6 x 2.5	15.0	CI 1"	SCG 5	(2125)	16 mm	25 mm	CIW 01A	CIF 01A	1"
7 x 2.5	15.5	CI 1"	SCG 5	(2125)	16 mm	25 mm	CIW 01A	CIF 01A	1"
10 x 2.5	17.5	CI 1"	SCG 5	(2125)	18 mm	25 mm	CIW 01A	CIF 01A	1"
12 x 2.5	18.0	CI 1"	SCG 5	(2125)	18 mm	25 mm	CIW 01A	CIF 01A	1"
14 x 2.5	19.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
16 x 2.5	20.5	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03A	CIF 03A	28 mm
19 x 2.5	21.5	CI 1 1/8"	SCG 7	(2932)	23 mm	32 mm	CIW 03A	CIF 03A	28 mm
24 x 2.5	24.5	CI 1 1/4"	SCG 7	(2932)	25 mm	32 mm	CIW 04A	CIF 04A	1 1/4"
27 x 2.5	25.5	CI 1 1/4"	SCG 7	(2932)	27 mm	32 mm	CIW 05	CIF 05	1 1/4"
30 x 2.5	26.0	CI 1 1/4"	SCG 7	(2932)	27 mm	32 mm	CIW 05	CIF 05	1 1/4"
37 x 2.5	28.0	CI 1 3/8"	SCG 8	(2938)	30 mm	40 mm	CIW 05A	CIF 05A	1 1/2"
44 x 2.5	32.0	CI 1 1/2"	SCG 8	(2938)	33 mm	40 mm	CIW 06	CIF 06	1 1/2"
52 x 2.5	33.5	CI 1 3/4"	SCG 10	(4251)	35 mm	50 mm	CIW 07A	CIF 07A	42 mm
61 x 2.5	35.0	CI 1 3/4"	SCG 10	(4251)	35 mm	50 mm	CIW 07A	CIF 07A	42 mm

SINGLE CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
1 x 4	10.0	CI 1/2"	SCG 2	(1616)	11 mm	16 mm	CIW 01SS	CIF 01SS	3/4"
1 x 6	10.5	CI 1/2"	SCG 2	(1616)	11 mm	16 mm	CIW 01SS	CIF 01SS	3/4"
1 x 10	11.5	CI 5/8"	SCG 2	(1616)	13 mm	16 mm	CIW 01SS	CIF 01SS	3/4"
1 x 16	13.0	CI 5/8"	SCG 3	(1619)	13 mm	20 mm	CIW 01SS	CIF 01SS	3/4"
1 x 25	14.0	CI 5/8"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
1 x 35	15.0	CI 3/4"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
1 x 50	17.0	CI 7/8"	SCG 4	(2119)	18 mm	20 mm	CIW 01	CIF 01	3/4"
1 x 70	19.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 02	CIF 02	1"
1 x 95	21.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
1 x 120	22.0	CI 1"	SCG 6	(2925)	23 mm	25 mm	CIW 03	CIF 03	1"
1 x 150	23.0	CI 1 1/8"	SCG 6	(2925)	23 mm	25 mm	CIW 04	CIF 04	1"
1 x 185	26.5	CI 1 1/4"	SCG 7	(2932)	27 mm	32 mm	CIW 05	CIF 05	1 1/4"
1 x 225	28.0	CI 1 1/4"	SCG 7	(2932)	29 mm	32 mm	CIW 05	CIF 05	1 1/4"
1 x 240	29.0	CI 1 1/4"	SCG 7	(2932)	29 mm	32 mm	CIW 05	CIF 05	1 1/4"
1 x 300	31.5	CI 1 3/8"	SCG 8	(2938)	32 mm	40 mm	CIW 06	CIF 06	1 1/2"
1 x 400	36.5	CI 1 1/2"	SCG 9	(3638)	37 mm	40 mm	CIW 07	CIF 07	1 1/2"
1 x 500	39.5	CI 1 3/4"	SCG 10	(4251)	40 mm	50 mm	CIW 08	CIF 08	2"
1 x 630	43.0	CI 2"	SCG 10	(4251)	42 mm	50 mm	CIW 09	CIF 09	2"
1 x 800	49.5	CI 2 1/4"	SCG 12	(5463)	50 mm	63 mm	CIW 010	CIF 010	2"
1 x 1000	55.0	CI 2 1/2"	SCG 13	(6063)	55 mm	63 mm	CIW 011S	CIF 011S	2 1/2"

TWIN CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
2 x 4	15.5	CI 3/4"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
2 x 6	16.5	CI 3/4"	SCG 4	(2119)	18 mm	20 mm	CIW 01S	CIF 01S	3/4"
2 x 10	18.0	CI 7/8"	SCG 5	(2125)	18 mm	25 mm	CIW 01	CIF 01	3/4"
2 x 16	18.0	CI 7/8"	SCG 5	(2125)	18 mm	25 mm	CIW 01	CIF 01	3/4"
2 x 25	18.5	CI 7/8"	SCG 5	(2125)	20 mm	25 mm	CIW 02	CIF 02	1"
2 x 35	20.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 02	CIF 02	1"
2 x 50	22.5	CI 1 1/8"	SCG 6	(2925)	23 mm	25 mm	CIW 03	CIF 03	1"
2 x 70	25.5	CI 1 1/8"	SCG 6	(2925)	25 mm	25 mm	CIW 04	CIF 04	1"
2 x 95	28.0	CI 1 1/4"	SCG 7	(2932)	29 mm	32 mm	CIW 05	CIF 05	1 1/4"
2 x 120	30.5	CI 1 1/4"	SCG 8	(2938)	32 mm	40 mm	CIW 06	CIF 06	1 1/2"
2 x 150	34.0	CI 1 1/2"	SCG 9	(3638)	35 mm	40 mm	CIW 07	CIF 07	1 1/2"
2 x 185	37.0	CI 1 1/2"	SCG 9	(3638)	37 mm	40 mm	CIW 08	CIF 08	2"
2 x 240	41.0	CI 1 3/4"	SCG 10	(4251)	42 mm	50 mm	CIW 09	CIF 09	2"
2 x 300	45.5	CI 2"	SCG 11	(5451)	46 mm	50 mm	CIW 09	CIF 09	2"
2 x 400	51.0	CI 2 1/4"	SCG 12	(5463)	50 mm	63 mm	CIW 010	CIF 010	2"
2 x 500	56.5	CI 2 1/2"	SCG 13	(6063)	58 mm	63 mm	CIW 011	CIF 011	2 1/2"
2 x 630	62.5	CI 2 3/4"	SCG 14	(6675)	62 mm	75 mm	CIW 012	CIF 012	3"



THREE CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
3 x 4	16.0	CI 3/4"	SCG 4	(2119)	16 mm	20 mm	CIW 01S	CIF 01S	3/4"
3 x 6	17.0	CI 7/8"	SCG 4	(2119)	18 mm	20 mm	CIW 01	CIF 01	3/4"
3 x 10	19.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 02	CIF 02	1"
3 x 16	19.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 02	CIF 02	1"
3 x 25	20.5	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
3 x 35	23.0	CI 1 1/8"	SCG 6	(2925)	23 mm	25 mm	CIW 04	CIF 04	1"
3 x 50	25.5	CI 1 1/8"	SCG 6	(2925)	25 mm	25 mm	CIW 04	CIF 04	1"
3 x 70	30.0	CI 1 1/4"	SCG 8	(2938)	30 mm	40 mm	CIW 06	CIF 06	1 1/2"
3 x 95	33.5	CI 1 3/8"	SCG 9	(3638)	35 mm	40 mm	CIW 07	CIF 07	1 1/2"
3 x 120	35.5	CI 1 1/2"	SCG 9	(3638)	37 mm	40 mm	CIW 07	CIF 07	1 1/2"
3 x 150	40.5	CI 1 3/4"	SCG 10	(4251)	42 mm	50 mm	CIW 08	CIF 08	2"
3 x 185	44.5	CI 2"	SCG 11	(5451)	46 mm	50 mm	CIW 09	CIF 09	2"
3 x 240	49.0	CI 2 1/4"	SCG 12	(5463)	50 mm	63 mm	CIW 010	CIF 010	2"
3 x 300	53.0	CI 2 1/4"	SCG 13	(6063)	53 mm	63 mm	CIW 011S	CIF 011S	2 1/2"
3 x 400	58.5	CI 2 1/2"	SCG 13	(6063)	60 mm	63 mm	CIW 011	CIF 011	2 1/2"
3 x 500	67.0	CI 2 3/4"	SCG 14	(6675)	66 mm	75 mm	CIW 013A	CIF 013A	3"
3 x 630	73.0	CI 3"	SCG 16	(7882)	74 mm	82 mm	CIW 013	CIF 013	3 1/4"

THREE & HALF CORE COPPER / ALUMINIUM CONDUCTOR, XLPE INSULATED, ARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
3 1/2 x 25/16 sm/rm	23.0	CI 1 1/8"	SCG 6	(2925)	23 mm	25 mm	CIW 04	CIF 04	1"
3 1/2 x 35/16 sm/rm	25.0	CI 1 1/8"	SCG 6	(2925)	25 mm	25 mm	CIW 04	CIF 04	1"
3 1/2 x 50/25 sm	28.0	CI 1 1/4"	SCG 7	(2932)	29 mm	32 mm	CIW 05	CIF 05	1 1/4"
3 1/2 x 70/35 sm	32.0	CI 1 3/8"	SCG 8	(2938)	32 mm	40 mm	CIW 06	CIF 06	1 1/2"
3 1/2 x 95/50 sm	36.0	CI 1 1/2"	SCG 9	(3638)	37 mm	40 mm	CIW 07	CIF 07	1 1/2"
3 1/2 x 120/70 sm	39.0	CI 1 3/4"	SCG 10	(4251)	40 mm	50 mm	CIW 08	CIF 08	2"
3 1/2 x 150/70 sm	42.0	CI 1 3/4"	SCG 10	(4251)	42 mm	50 mm	CIW 09	CIF 09	2"
3 1/2 x 185/95 sm	47.5	CI 2"	SCG 11	(5451)	48 mm	50 mm	CIW 010	CIF 010	2"
3 1/2 x 240/120 sm	53.5	CI 2 1/4"	SCG 13	(6063)	55 mm	63 mm	CIW 011S	CIF 011S	2 1/2"
3 1/2 x 300/150 sm	57.0	CI 2 1/2"	SCG 13	(6063)	58 mm	63 mm	CIW 011	CIF 011	2 1/2"
3 1/2 x 400/185 sm	65.0	CI 2 3/4"	SCG 14	(6675)	66 mm	75 mm	CIW 012	CIF 012	3"
3 1/2 x 500/240 sm	73.5	CI 3 1/4"	SCG 16	(7882)	74 mm	82 mm	CIW 013	CIF 013	3 1/4"



FOUR CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
4 x 4	17.5	CI 7/8"	SCG 5	(2125)	18 mm	25 mm	CIW 01	CIF 01	3/4"
4 x 6	18.5	CI 7/8"	SCG 5	(2125)	20 mm	25 mm	CIW 02	CIF 02	1"
4 x 10	20.5	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
4 x 16	20.5	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
4 x 25	23.0	CI 1 1/8"	SCG 6	(2925)	23 mm	25 mm	CIW 04	CIF 04	1"
4 x 35	25.0	CI 1 1/8"	SCG 6	(2925)	25 mm	25 mm	CIW 04	CIF 04	1"
4 x 50	28.0	CI 1 1/4"	SCG 7	(2932)	29 mm	32 mm	CIW 05	CIF 05	1 1/4"
4 x 70	32.0	CI 1 3/8"	SCG 8	(2938)	32 mm	40 mm	CIW 06	CIF 06	1 1/2"
4 x 95	35.0	CI 1 1/2"	SCG 9	(3638)	35 mm	50 mm	CIW 07	CIF 07	1 1/2"
4 x 120	39.0	CI 1 3/4"	SCG 10	(4251)	40 mm	50 mm	CIW 08	CIF 08	2"
4 x 150	43.5	CI 2"	SCG 11	(5451)	44 mm	50 mm	CIW 09	CIF 09	2"
4 x 185	48.0	CI 2"	SCG 12	(5463)	48 mm	63 mm	CIW 010	CIF 010	2"
4 x 240	54.0	CI 2 1/4"	SCG 13	(6063)	55 mm	63 mm	CIW 011S	CIF 011S	2 1/2"
4 x 300	59.5	CI 2 1/2"	SCG 13	(6063)	60 mm	63 mm	CIW 011	CIF 011	2 1/2"
4 x 400	66.5	CI 2 3/4"	SCG 14	(6675)	66 mm	75 mm	CIW 013A	CIF 013A	3"

FOR ARMoured CABLE

1100 VOLTAS MULTICORE CONTROL CABLE WITH SOLID COPPER CONDUCTOR OF SIZE 1.5 SQ. MM XLPE INSULATED, ARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
2 x 1.5	12.5	CI 5/8"	SCG 3	(1619)	13 mm	20 mm	CIW 01SS	CIF 01SS	3/4"
3 x 1.5	13.0	CI 5/8"	SCG 3	(1619)	13 mm	20 mm	CIW 01SS	CIF 01SS	3/4"
4 x 1.5	13.5	CI 3/4"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
5 x 1.5	14.5	CI 3/4"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
6 x 1.5	15.5	CI 3/4"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
7 x 1.5	16.0	CI 3/4"	SCG 4	(2119)	16 mm	20 mm	CIW 01S	CIF 01S	3/4"
10 x 1.5	18.5	CI 7/8"	SCG 5	(2125)	20 mm	25 mm	CIW 02	CIF 02	1"
12 x 1.5	19.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 02	CIF 02	1"
14 x 1.5	20.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 02	CIF 02	1"
16 x 1.5	20.0	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
19 x 1.5	20.5	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
24 x 1.5	23.0	CI 1 1/8"	SCG 6	(2925)	23 mm	25 mm	CIW 04	CIF 04	1"
27 x 1.5	23.5	CI 1 1/8"	SCG 6	(2925)	25 mm	25 mm	CIW 04	CIF 04	1"
30 x 1.5	24.0	CI 1 1/8"	SCG 6	(2925)	25 mm	25 mm	CIW 04	CIF 04	1"
37 x 1.5	26.0	CI 1 1/8"	SCG 7	(2932)	27 mm	32 mm	CIW 05	CIF 05	1 1/4"
44 x 1.5	28.5	CI 1 1/4"	SCG 7	(2932)	29 mm	32 mm	CIW 05	CIF 05	1 1/4"
52 x 1.5	30.5	CI 1 1/4"	SCG 8	(2938)	32 mm	40 mm	CIW 06	CIF 06	1 1/2"
61 x 1.5	32.0	CI 1 3/8"	SCG 8	(2938)	32 mm	40 mm	CIW 06	CIF 06	1 1/2"

1100 VOLTAS MULTICORE CONTROL CABLE WITH SOLID COPPER CONDUCTOR OF SIZE 2.5 SQ. MM XLPE INSULATED, ARMoured CABLE

No. of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE		
		Medium Duty	Heavy Duty (SCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof Type (CIW) as per BS 6121-1:2005	Flame Proof Type (CIF) as per IS/IEC 60079-1:2014	Nipple Entry For WP. & FLP. (BSC)
2 x 2.5	13.5	CI 5/8"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
3 x 2.5	14.0	CI 5/8"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
4 x 2.5	14.5	CI 5/8"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
5 x 2.5	15.5	CI 3/4"	SCG 3	(1619)	15 mm	20 mm	CIW 01S	CIF 01S	3/4"
6 x 2.5	16.5	CI 3/4"	SCG 4	(2119)	18 mm	20 mm	CIW 01	CIF 01	3/4"
7 x 2.5	17.0	CI 7/8"	SCG 4	(2119)	18 mm	20 mm	CIW 01	CIF 01	3/4"
10 x 2.5	20.5	CI 1"	SCG 5	(2125)	20 mm	25 mm	CIW 03	CIF 03	1"
12 x 2.5	21.0	CI 1"	SCG 6	(2925)	21 mm	25 mm	CIW 03	CIF 03	1"
14 x 2.5	21.5	CI 1"	SCG 6	(2925)	23 mm	25 mm	CIW 03	CIF 03	1"
16 x 2.5	22.0	CI 1"	SCG 6	(2925)	23 mm	25 mm	CIW 03	CIF 03	1"
19 x 2.5	22.5	CI 1 1/8"	SCG 6	(2925)	23 mm	25 mm	CIW 03	CIF 03	1"
24 x 2.5	25.5	CI 1 1/8"	SCG 6	(2925)	25 mm	25 mm	CIW 04	CIF 04	1"
27 x 2.5	26.5	CI 1 1/4"	SCG 7	(2932)	27 mm	32 mm	CIW 05	CIF 05	1 1/4"
30 x 2.5	27.5	CI 1 1/4"	SCG 7	(2932)	29 mm	32 mm	CIW 05	CIF 05	1 1/4"
37 x 2.5	29.5	CI 1 1/4"	SCG 8	(2938)	30 mm	40 mm	CIW 05	CIF 05	1 1/4"
44 x 2.5	33.0	CI 1 3/8"	SCG 8	(2938)	32 mm	40 mm	CIW 07	CIF 07	1 1/2"
52 x 2.5	34.5	CI 1 1/2"	SCG 9	(3638)	35 mm	40 mm	CIW 07	CIF 07	1 1/2"
61 x 2.5	36.0	CI 1 1/2"	SCG 9	(3638)	37 mm	40 mm	CIW 07	CIF 07	1 1/2"

GUIDE FOR SELECTION OF CABLE GLANDS ON THE BASIS OF CABLE OVERALL DIAMETER

SINGLE COMPRESSION TYPE CABLE GLANDS FOR ARMoured CABLE

HEAVY DUTY SCG SERIES AS PER IS 12943					MEDIUM DUTY TYPE		
Cable Overall Diameter (mm) Suitable For		Suitable Gland Type	Old SIBG Code	Nipple Thread In Metric	Cable Overall Diameter (mm) Suitable For		Suitable Gland Type and Thread BSC
From	To				From	To	
11.0	16.0	SCG 2	(1616)	16 x 1.5	8.0	15.0	1/2"
11.0	16.0	SCG 3	(1619)	20 x 1.5	8.0	15.0	5/8"
16.0	20.0	SCG 4	(2119)	20 x 1.5	15.0	17.0	3/4"
16.0	21.0	SCG 5	(2125)	25 x 1.5	17.0	19.0	7/8"
21.0	24.0	SCG 6	(2925)	25 x 1.5	19.0	22.0	1"
24.0	29.0	SCG 7	(2932)	32 x 1.5	22.0	26.0	1 1/8"
29.0	33.0	SCG 8	(2938)	40 x 1.5	26.0	30.5	1 1/4"
33.0	37.0	SCG 9	(3638)	40 x 1.5	30.5	34.0	1 3/8"
37.0	42.0	SCG 10	(4251)	50 x 1.5	34.0	38.0	1 1/2"
42.0	46.0	SCG 11	(5451)	50 x 1.5	38.0	43.0	1 3/4"
46.0	51.0	SCG 12	(5463)	63 x 1.5	43.0	49.0	2"
51.0	61.0	SCG 13	(6063)	63 x 1.5	49.0	54.0	2 1/4"
61.0	66.0	SCG 14	(6675)	75 x 1.5	54.0	61.0	2 1/2"
66.0	79.0	SCG 16	(7682)	82 x 1.5	61.0	66.0	2 3/4"
					66.0	73.0	3"
					73.0	79.0	3 1/4"
					79.0	84.0	3 1/2"
					84.0	94.0	4"
					94.0	104.0	4 1/2"

DOUBLE COMPRESSION SERIES FOR ARMoured CABLES

Cable Overall Diameter (mm) Suitable For		Weather Proof (CIW) As Per BS 6121-1 : 2005	Flame Proof (CIF) As Per IS/IEC 60079 -1:2014	Nipple Thread BSC
From	To			
6.0	13.0	CIW 01SS	CIF 01SS	3/4"
13.0	16.5	CIW 01S	CIF 01S	3/4"
16.5	18.5	CIW 01	CIF 01	3/4"
16.5	18.5	CIW 01A	CIF 01A	1"
18.5	20.0	CIW 02	CIF 02	1"
18.5	20.0	CIW 02A	CIF 02A	3/4"
20.0	23.0	CIW 03	CIF 03	1"
23.0	26.0	CIW 04	CIF 04	1"
23.0	26.0	CIW 04A	CIF 04A	1 1/4"
26.0	30.0	CIW 05	CIF 05	1 1/4"
26.0	30.0	CIW 05A	CIF 05A	1 1/2"
30.0	33.0	CIW 06	CIF 06	1 1/2"
30.0	33.0	CIW 06A	CIF 06A	1 1/4"
33.0	37.0	CIW 07	CIF 07	1 1/2"
37.0	41.0	CIW 08	CIF 08	2"
41.0	46.0	CIW 09	CIF 09	2"
46.0	52.0	CIW 010	CIF 010	2"
46.0	52.0	CIW 010A	CIF 010A	2 1/2"
52.0	56.0	CIW 011S	CIF 011S	2 1/2"
56.0	61.0	CIW 011	CIF 011	2 1/2"
61.0	66.0	CIW 012	CIF 012	3"
66.0	72.0	CIW 013A	CIF 013A	3"
72.0	78.0	CIW 013	CIF 013	3 1/4"
78.0	84.0	CIW 014	CIF 014	3 1/2"
84.0	94.0	CIW 015	CIF 015	4"
94.0	104.0	CIW 016	CIF 016	4 1/2"

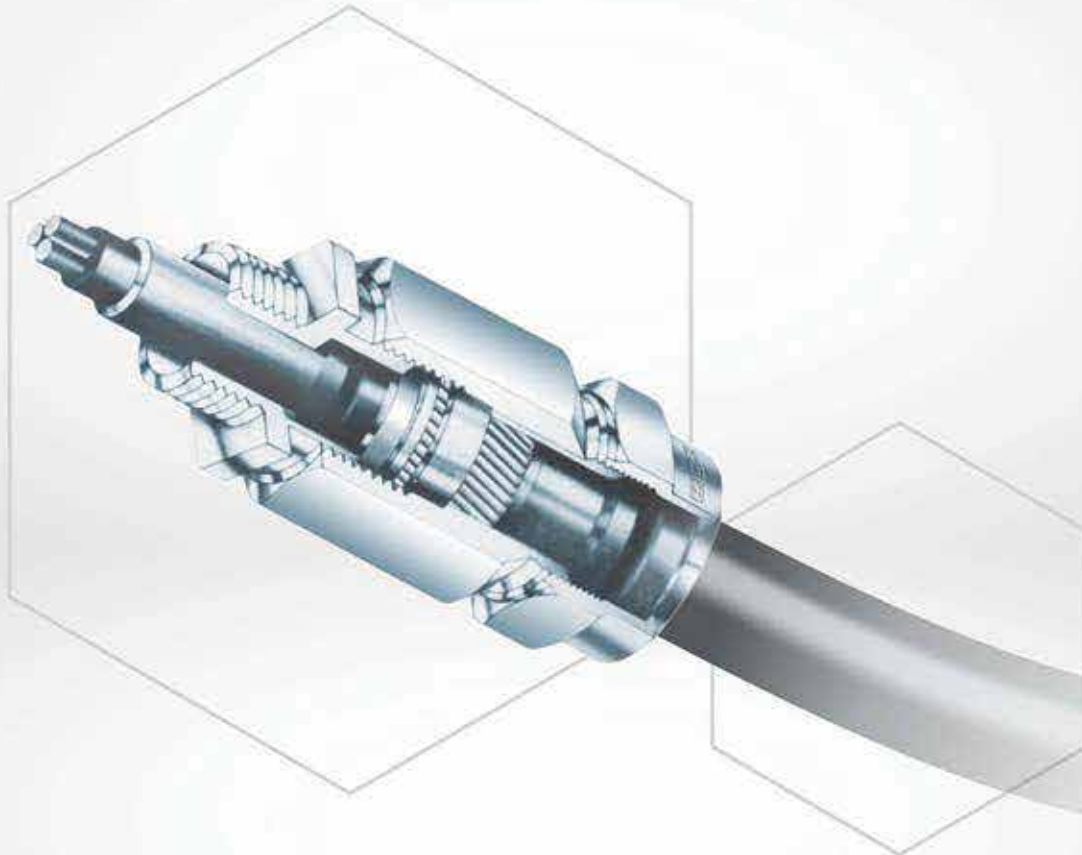
DOUBLE COMPRESSION SERIES FOR UNARMoured CABLES

Cable Overall Diameter (mm) Suitable For		Weather Proof (CIW) As Per BS 6121-1 : 2005	Flame Proof (CIF) As Per IS/IEC 60079 -1:2014	Nipple Thread BSC / Metric
From	To			
5.0	11.0	CIW 01SS	CIF 01SS	3/4"
11.0	14.0	CIW 01S	CIF 01S	3/4"
14.0	18.0	CIW 01A	CIF 01A	1"
18.0	20.0	CIW 03	CIF 03	1"
20.0	22.0	CIW 03A	CIF 03A	28 MM
22.0	25.0	CIW 04A	CIF 04A	1 1/4"
25.0	30.0	CIW 05A	CIF 05A	1 1/2"
30.0	33.0	CIW 06	CIF 06	1 1/2"
33.0	36.0	CIW 07A	CIF 07A	42 MM
36.0	41.0	CIW 08	CIF 08	2"
41.0	44.0	CIW 09	CIF 09	2"
44.0	52.0	CIW 010A	CIF 010A	2 1/2"
52.0	56.0	CIW 011	CIF 011	2 1/2"
56.0	66.0	CIW 012	CIF 012	3"
66.0	74.0	CIW 013	CIF 013	3 1/4"
74.0	80.0	CIW 014	CIF 014	3 1/2"
80.0	90.0	CIW 015	CIF 015	4"
90.0	100.0	CIW 016	CIF 016	4 1/2"

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