

# Cable Gland for all Types of Armoured Cables (SWA/AWA, Wire-Braid, Tape) (Steel and Aluminium) Series C2K



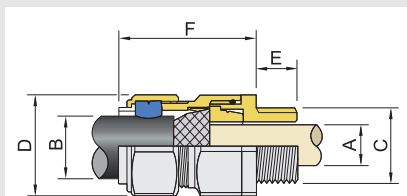
07575E00

- Multi-functional holder for the armouring
- Integral protected deluge seal
- Controlled outer load retention seal
- Unique OSTG prevents overtightening
- Internationally marked, IECEx and ATEX
- EMC-tested



WebCode C2KA

		ATEX / IECEx					
Zone		0	1	2	20	21	22
For use in			x	x	x	x	x



07594E00

Selection Table

Gland size	Dimensions [mm]							Armour wire thickness		PVC-shroud	Art. no.	PS	Weight kg	
	Thread size C	Inner sheath A		Outer sheath B		Thread length E	Width across flats D	Across corners D	Protrusion Length F					Grooved cone
		max.	min.	max.										
<b>Metric, nickel-plated brass</b>														
20s/16	M20 x 1.5	8.7	6.1	13.1	15.0	30.5	33.6	65.0	0.3 ... 1.0	0.80 ... 1.25	PVC06	243504	10	0.230
20s	M20 x 1.5	11.7	9.5	15.9	15.0	30.5	33.6	62.0	0.3 ... 1.0	0.80 ... 1.25	PVC06	243505	10	0.240
20	M20 x 1.5	14.0	12.5	20.9	15.0	30.5	33.6	63.0	0.4 ... 1.0	0.80 ... 1.25	PVC06	243506	10	0.220
25s	M25 x 1.5	20.0	14.0	22.0	15.0	37.5	41.3	69.5	0.4 ... 1.2	1.25 ... 1.60	PVC09	109416	10	0.350
25	M25 x 1.5	20.0	18.2	26.2	15.0	37.5	41.3	69.5	0.4 ... 1.2	1.25 ... 1.60	PVC09	243507	10	0.350
32	M32 x 1.5	26.0	23.7	33.9	15.0	46.0	50.6	75.0	0.4 ... 1.2	1.60 ... 2.00	PVC11	243508	10	0.550
40	M40 x 1.5	32.2	27.9	40.4	15.0	55.0	60.5	75.0	0.4 ... 1.6	1.60 ... 2.00	PVC15	243509	10	0.750
50s	M50 x 1.5	38.2	35.2	46.7	15.0	60.0	66.0	77.0	0.4 ... 1.6	2.00 ... 2.50	PVC18	109419	10	0.860
50	M50 x 1.5	44.1	40.4	53.0	15.0	70.1	77.1	77.0	0.6 ... 1.6	2.00 ... 2.50	PVC21	243510	10	1.130
63s	M63 x 1.5	50.0	45.6	59.4	15.0	75.0	82.5	80.0	0.6 ... 1.6	2.00 ... 2.50	PVC23	109421	10	1.350
63	M63 x 1.5	56.0	54.6	65.8	15.0	80.0	88.0	80.0	0.6 ... 1.6	2.00 ... 2.50	PVC25	109422	10	1.340
75s	M75 x 1.5	62.0	59.0	72.0	15.0	90.0	99.0	87.0	0.6 ... 1.6	2.00 ... 2.50	PVC28	109423	17	2.020
75	M75 x 1.5	64.2	66.7	78.4	15.0	100.0	110.0	88.0	0.6 ... 1.6	2.50 ... 3.00	PVC30	109424	17	2.480
Note	Other sizes and threads available on request.													

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Gland size	Dimensions [mm]								Armour wire thickness		PVC-shroud	Art. no.	PS	Weight kg
	Thread size C	Inner sheath A		Outer sheath B		Thread length E	Width across flats D	Across corners D	Protrusion Length F	Grooved cone				
max.		min.	max.	min.										
<b>NPT, nickel-plated brass</b>														
20s/16	NPT 1/2"	8.7	6.1	13.1	19.9	30.5	33.6	65.0	0.3 ... 1.0	0.80 ... 1.25	PVC06	<b>246310</b>	10	0.230
20s	NPT 1/2"	11.7	9.5	15.9	19.9	30.5	33.6	62.0	0.3 ... 1.0	0.80 ... 1.25	PVC06	<b>246311</b>	10	0.240
20	NPT 1/2"	14.0	12.5	20.9	19.9	30.5	33.6	63.0	0.4 ... 1.0	0.80 ... 1.25	PVC06	<b>246312</b>	10	0.220
25s	NPT 3/4"	20.0	14.0	22.0	20.2	37.5	41.3	69.5	0.4 ... 1.2	1.25 ... 1.60	PVC09	<b>246313</b>	10	0.350
25	NPT 3/4"	20.0	18.2	26.2	20.2	37.5	41.3	69.5	0.4 ... 1.2	1.25 ... 1.60	PVC09	<b>246314</b>	10	0.350
32	NPT 1"	26.0	23.7	33.9	25.0	46.0	50.6	75.0	0.4 ... 1.2	1.60 ... 2.00	PVC11	<b>246315</b>	10	0.550
40	NPT 1 1/4"	32.2	27.9	40.4	25.6	55.0	60.5	75.0	0.4 ... 1.6	1.60 ... 2.00	PVC15	<b>246316</b>	10	0.750
50s	NPT 1 1/2"	38.2	35.2	46.7	26.1	60.0	66.0	77.0	0.4 ... 1.6	2.00 ... 2.50	PVC18	<b>246317</b>	10	0.860
50	NPT 2"	44.1	40.4	53.0	26.9	70.1	77.1	77.0	0.6 ... 1.6	2.00 ... 2.50	PVC21	<b>246318</b>	10	1.130
63s	NPT 2"	50.0	45.6	59.4	26.9	75.0	82.5	80.0	0.6 ... 1.6	2.00 ... 2.50	PVC23	<b>246319</b>	10	1.350
63	NPT 2 1/2"	56.0	54.6	65.8	39.9	80.0	88.0	80.0	0.6 ... 1.6	2.00 ... 2.50	PVC25	<b>246320</b>	10	1.340
75s	NPT 2 1/2"	62.0	59.0	72.0	39.9	90.0	99.0	87.0	0.6 ... 1.6	2.00 ... 2.50	PVC28	<b>246321</b>	10	2.020
75	NPT 3"	64.2	66.7	78.4	41.5	100.0	110.0	88.0	0.6 ... 1.6	2.50 ... 3.00	PVC30	<b>246322</b>	10	2.480

Note Other sizes and threads available on request.

Technical Data	
Explosion protection	
Global (IECEx)	
Gas and dust	IECEx SIR 13.0025X Ex e IIC Gb, Ex nR IIC Gc Ex ta IIIC Da
Europe (ATEX)	
Gas and dust	SIRA 13 ATEX 1070X Ⓢ II 2 G Ex e IIC Gb Ⓢ II 1 D Ex ta IIIC Da SIRA 13 ATEX 4076X Ⓢ II 3 G Ex nR IIC Gc
Certifications and certificates	
Certificates	IECEx, ATEX, Brazil (INMETRO), China (China-Ex), India (PESO), Kazakhstan (TR), Columbia (COL), Korea (KCs), Russia (TR), Belarus (TR)
Ship approval	DNV, LRS, ABS
Ambient temperature	-60 ... +130 °C
Degree of protection	IP66 IP67 & IP68 only if CMP entry thread O-ring is used
Material	
Cable gland	Brass nickel-plated (Other materials available on request)
Seal	SOLO LSF
Version	BS 6121, IEC/EN 62444

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