

Cable glands

metric, PG, and NPT thread, technopolymer

MATERIAL

Polyamide-based (PA) technopolymer, grey colour RAL 7035 (C3) or black RAL 9005 (C9).

SEALING INSERT

Chloroprene rubber (CR)

LOCKING INSERT

Polyamide based (PA) technopolymer

STANDARD EXECUTIONS

- **CGT**: metric threadings.
- **CGT-PG**: PG threadings.
- **CGT-NPT**: NPT threadings.

FEATURES AND APPLICATIONS

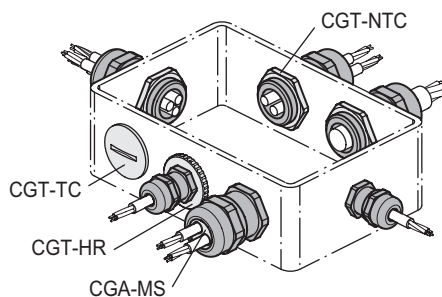
They are used to secure and insulate electrical cables inside electrical equipment such as distribution boards and junction boxes, providing protection from dust, water and external factors.

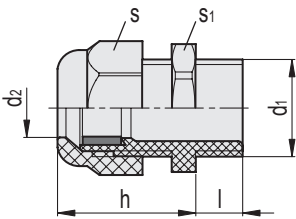
They keep the cable securely fixed in place, preventing mechanical stress or accidental pulling that could affect the internal electrical connections and ensuring the continuity of the electrical connection. Within the specified clamping range, the sealing and locking effect increases with the diameter of the cable.

Cable glands can be fitted to electrical equipment either by using the existing thread or, in the case of a pass-through hole, by using mounting nuts.

ACCESSORIES

- CGT-NTC: mounting nuts.
- CGT-TC: threaded plugs.
- CGA-MS: multiple sealing inserts.
- CGT-HR: reducers.





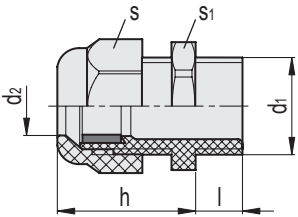
CGT

Code	Description	d ₁	d ₂	d ₂ Clamping range	h _{max}	l	s	s ₁	Recommended tightening torque for s [Nm]	Recommended tightening torque for s ₁ [Nm]	⚖
560001-C3	CGT-M12x1,5-8-15-C3	M 12 x 1.5	6	3 ÷ 6	23	8	15	15	2	1	3
560001-C9	CGT-M12x1,5-8-15-C9	M 12 x 1.5	6	3 ÷ 6	23	8	15	15	2	1	3
560003-C3	CGT-M16x1,5-8-19-C3	M 16 x 1.5	8	4 ÷ 8	25	8	19	19	2.5	2.5	6
560003-C9	CGT-M16x1,5-8-19-C9	M 16 x 1.5	8	4 ÷ 8	25	8	19	19	2.5	2.5	6
560005-C3	CGT-M16x1,5-10-22-C3	M 16 x 1.5	10	5 ÷ 10	30	10	22	22	2.5	2.5	9
560005-C9	CGT-M16x1,5-10-22-C9	M 16 x 1.5	10	5 ÷ 10	30	10	22	22	2.5	2.5	9
560007-C3	CGT-M20x1,5-10-24-C3	M 20 x 1.5	12	6 ÷ 12	29.5	10	24	24	4	3.5	11
560007-C9	CGT-M20x1,5-10-24-C9	M 20 x 1.5	12	6 ÷ 12	29.5	10	24	24	4	3.5	11
560009-C3	CGT-M20x1,5-10-27-C3	M 20 x 1.5	14	10 ÷ 14	31	10	27	27	5.5	3.5	14
560009-C9	CGT-M20x1,5-10-27-C9	M 20 x 1.5	14	10 ÷ 14	31	10	27	27	5.5	3.5	14
560011-C3	CGT-M25x1,5-8-29-C3	M 25 x 1.5	17	11 ÷ 17	35	8	29	29	5.5	3.5	16
560011-C9	CGT-M25x1,5-8-29-C9	M 25 x 1.5	17	11 ÷ 17	35	8	29	29	5.5	3.5	16
560013-C3	CGT-M25x1,5-10-33-C3	M 25 x 1.5	18	13 ÷ 18	37	10	33	33	9	3.5	23
560013-C9	CGT-M25x1,5-10-33-C9	M 25 x 1.5	18	13 ÷ 18	37	10	33	33	9	3.5	23
560015-C3	CGT-M32x1,5-10-36-C3	M 32 x 1.5	21	15 ÷ 21	42	10	36	36	6	5	25
560015-C9	CGT-M32x1,5-10-36-C9	M 32 x 1.5	21	15 ÷ 21	42	10	36	36	6	5	25
560017-C3	CGT-M32x1,5-15-42-C3	M 32 x 1.5	25	18 ÷ 25	41	15	42	42	10	5	40
560017-C9	CGT-M32x1,5-15-42-C9	M 32 x 1.5	25	18 ÷ 25	41	15	42	42	10	5	40
560019-C3	CGT-M40x1,5-10-46-C3	M 40 x 1.5	28	19 ÷ 28	47	10	46	46	11	5	44
560019-C9	CGT-M40x1,5-10-46-C9	M 40 x 1.5	28	19 ÷ 28	47	10	46	46	11	5	44
560021-C3	CGT-M40x1,5-18-53-C3	M 40 x 1.5	32	22 ÷ 32	51.5	18	53	53	22	5	77
560021-C9	CGT-M40x1,5-18-53-C9	M 40 x 1.5	32	22 ÷ 32	51.5	18	53	53	22	5	77
560023-C3	CGT-M50x1,5-18-60-C3	M 50 x 1.5	38	30 ÷ 38	53	18	60	60	20	8	91
560023-C9	CGT-M50x1,5-18-60-C9	M 50 x 1.5	38	30 ÷ 38	53	18	60	60	20	8	91
560025-C3	CGT-M63x1,5-18-65-C3	M 63 x 1.5	44	34 ÷ 44	53	18	65	65	20	12	98
560025-C9	CGT-M63x1,5-18-65-C9	M 63 x 1.5	44	34 ÷ 44	53	18	65	65	20	12	98



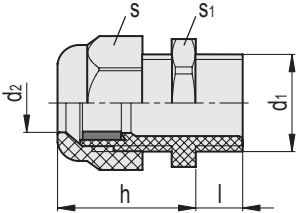


Machine elements 9



CGT-PG

Code	Description	d ₁	d ₂	Clamping range	h _{max}	l	s	s ₁	Recommended tightening torque for s [Nm]	Recommended tightening torque for s ₁ [Nm]	⚖
560051-C3	CGT-PG7-8-15-C3	PG 7	6	3 ÷ 6	22	8	15	15	2	1	3
560051-C9	CGT-PG7-8-15-C9	PG 7	6	3 ÷ 6	22	8	15	15	2	1	3
560053-C3	CGT-PG9-8-19-C3	PG 9	8	4 ÷ 8	26.5	8	19	19	2.5	1.5	6
560053-C9	CGT-PG9-8-19-C9	PG 9	8	4 ÷ 8	26.5	8	19	19	2.5	1.5	6
560055-C3	CGT-PG11-8-22-C3	PG 11	10	5 ÷ 10	29	8	22	22	2.5	2	8
560055-C9	CGT-PG11-8-22-C9	PG 11	10	5 ÷ 10	29	8	22	22	2.5	2	8
560057-C3	CGT-PG13.5-10-24-C3	PG 13.5	12	6 ÷ 12	29	10	24	24	4	3	10
560057-C9	CGT-PG13.5-10-24-C9	PG 13.5	12	6 ÷ 12	29	10	24	24	4	3	10
560059-C3	CGT-PG16-10-27-C3	PG 16	14	10 ÷ 14	31	10	27	27	5.5	3.5	13
560059-C9	CGT-PG16-10-27-C9	PG 16	14	10 ÷ 14	31	10	27	27	5.5	3.5	13
560061-C3	CGT-PG21-11-33-C3	PG 21	18	13 ÷ 18	37	11	33	33	5.5	3.5	21
560061-C9	CGT-PG21-11-33-C9	PG 21	18	13 ÷ 18	37	11	33	33	5.5	3.5	21
560063-C3	CGT-PG29-11-42-C3	PG 29	25	18 ÷ 25	41	11	42	42	10	9.5	37
560063-C9	CGT-PG29-11-42-C9	PG 29	25	18 ÷ 25	41	11	42	42	10	9.5	37
560065-C3	CGT-PG36-13-53-C3	PG 36	32	22 ÷ 32	51.5	13	53	53	16	11	69
560065-C9	CGT-PG36-13-53-C9	PG 36	32	22 ÷ 32	51.5	13	53	53	16	11	69
560067-C3	CGT-PG42-13-60-C3	PG 42	38	30 ÷ 38	53.5	13	60	60	20	14	82
560067-C9	CGT-PG42-13-60-C9	PG 42	38	30 ÷ 38	53.5	13	60	60	20	14	82
560069-C3	CGT-PG48-14-65-C3	PG 48	44	34 ÷ 44	53.5	14	65	65	20	14	92
560069-C9	CGT-PG48-14-65-C9	PG 48	44	34 ÷ 44	53.5	14	65	65	20	14	92



CGT-NPT

Code	Description	d ₁	d ₂	d ₂ Clamping range	h _{max}	l	s	s ₁	Recommended tightening torque for s [Nm]	Recommended tightening torque for s ₁ [Nm]	⚖
560071-C3	CGT-3/8 NPT-15-22-C3	3/8 NPT	10	5 ÷ 10	29	15	22	22	2.5	1	10
560071-C9	CGT-3/8 NPT-15-22-C9	3/8 NPT	10	5 ÷ 10	29	15	22	22	2.5	1	10
560073-C3	CGT-1/2 NPT-15-24-C3	1/2 NPT	12	6 ÷ 12	29	15	24	24	5	2	12
560073-C9	CGT-1/2 NPT-15-24-C9	1/2 NPT	12	6 ÷ 12	29	15	24	24	5	2	12
560075-C3	CGT-1/2 NPT-15-27-C3	1/2 NPT	14	10 ÷ 14	31	15	27	27	5	2	15
560075-C9	CGT-1/2 NPT-15-27-C9	1/2 NPT	14	10 ÷ 14	31	15	27	27	5	2	15
560077-C3	CGT-3/4 NPT-15-33-C3	3/4 NPT	18	13 ÷ 18	37	15	33	33	9	3	24
560077-C9	CGT-3/4 NPT-15-33-C9	3/4 NPT	18	13 ÷ 18	37	15	33	33	9	3	24
560079-C3	CGT-1 NPT-18-42-C3	1 NPT	25	18 ÷ 25	41	18	42	42	9.5	4	41
560079-C9	CGT-1 NPT-18-42-C9	1 NPT	25	18 ÷ 25	41	18	42	42	9.5	4	41

