

TECHNICAL DATA SHEET

MAIN CHARACTERISTICS

FLEXIBLE SPIRAL CONDUIT AND ACCESSOIRES GFE-GX SERIES

CONSTRUCTIVE TECHNICAL CHARACTERISTICS

Material: for the internal spiral rigid anti-shock thermoplastic material on PVC base; for the external coating soft thermoplastic material on PVC base.

High resistance to UV rays.

Resistance to flame propagation: self-extinguishing in less than 30 seconds.

Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).

Insulation resistance: > 100 MΩ to 500 V ~ for 1 minute.

Dielectric strength: > 2000 V ~ 50 Hz for 15 minutes.

IP65 accessories protection degree.

Shock resistance: IK07 (up to 2 J).

Compression resistance: 320 N (on 5 cm at +20°C).

Classification 2311

Transport, installation and application temperature: minimum +5°C, maximum +60°C (EN61386).

Transport, installation and application temperature: minimum +5°C, maximum +70°C (UL1696).

Minimum bending radius: 6 times the external conduit diameter.

Approvals: IMQ, UL. (IMQ metric thread only).

Made in compliance with EN 61386-1, EN61386-23, UL1696 standards.

Products in compliance with RoHS II - 2011/65/EU directive + 2015/863/EU.

Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).

Made in Italy.



ELETTROCANALI S.p.a.
Quality manager

Valsecchi Luca

NOMINAL DIAMETERS TABLE

Item	Internal nominal diameter mm	External nominal diameter mm	Tolerance
ECGFE08	8	12,1	2%
ECGFE10	10	14,7	2%
ECGFE12	12	16,4	2%
ECGFE14	14	18,9	2%
ECGFE16	16	20,7	2%
ECGFE18	18	22,7	2%
ECGFE20	20	24,7	2%
ECGFE22	22	27,7	2%
ECGFE25	25	30,6	2%
ECGFE28	28	33,5	2%
ECGFE30	30	36,0	2%
ECGFE32	32	38,0	2%
ECGFE35	35	41,0	2%
ECGFE40	40	46,4	2%
ECGFE50	50	57,2	2%
ECGFE60	60	68,0	2%