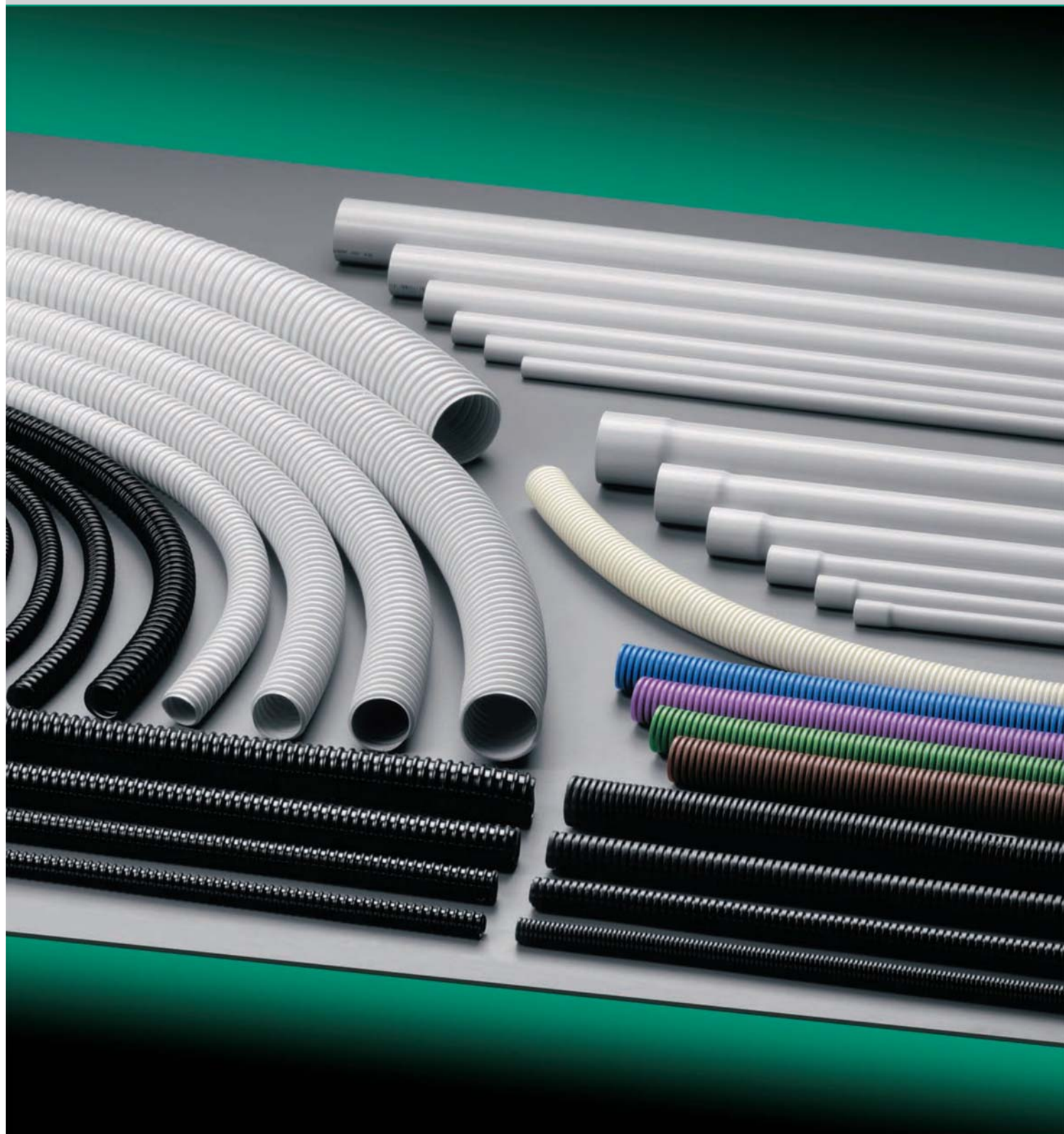


RIGID,CORRUGATED, SPIRAL FLEXIBLE CONDUITS



CARATTERISTICHE TECNICHE COSTRUTTIVE

Material: shock resistant technopolymer on rigid PVC base, PP or halogen free technopolymer.

Installation temperature : min. -5°/-25°C, max +60°/+90°C.

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

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

Standard colours: light grey RAL7035, orange RAL2004, dark grey RAL7030 RAL7037 or black RAL 9005.

Packed in coils on pallets, wrapped with plastic film or in bundles laying in wooden frames.

Reference Standards: EN 61386-1, EN 61386-21-22-23.

Products meeting the essential requirements of L.V.D. 2014/35/UE.

Products in compliance with RoHS II - 2011/65/UE directive.



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Rigid halogen free conduit systems with and without sleeve class. 3342/2342 Series TG
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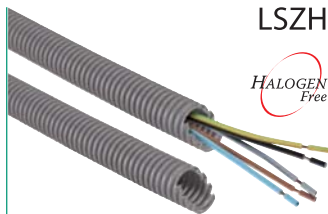
Pliable corrugated conduit systems class. 3321/2221 Series TC15-TC12
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MAIN TECHNICAL FEATURES



The conduit-fitting systems, complying with the requirements of the Reference Standards EN 61386-1 and EN 61386-21, include plain or sleeved rigid conduits made of self-extinguishing technopolymer on rigid PVC base or by halogen free raw materials according to the Standard EN50267-2-1 and EN 50267-1-2. The halogen free conduits are strongly recommended for crowded places, like airports, schools, theatres, tunnels, ecc, because they are characterized by a low very emission or

complete lack of toxic gases and of light smoke which doesn't prevent from locating the emergency exits and darkening the light sources.

The pliable conduits are available in two different versions: one manufactured with self-extinguishing (V0 according to the Standard UL94) technopolymer on PVC base and the other manufactured with self-extinguishing self-recovering halogen free polypropylene.

Great attention is given to the conduit packaging. Both the

bundles of rigid conduits and the coils of pliable conduits are wrapped in stretch film. The pallets are covered by white film, granting a very good protection against UV-rays and atmospheric agents. The pallets of pliable conduits also have a plastic hook on the top.

The range is completed by the spiral flexible conduits suitable for industrial as well as civil uses thanks to their flexibility, resistance to compression, chemical agents, particularly oils and greases.

MAIN TECHNICAL FEATURES

Rigid conduits diameters from 16 up to 63mm, with plain or sleeved ends, in 2mt or 3mt lengths

Pliable corrugated insulating conduits in different classifications and colours diameters from 16 up to 50mm. Some types are available with draw tape as well

The pliable corrugated self-covering self-extinguishing PP insulating conduits series ICTA are halogen free, therefore ideal for public buildings



Self-extinguishing version or halogen free technopolymer with low emission of toxic gases

Some conduits are also available in 10mt or 25mt coils

The spiral flexible conduits, available in grey or black, are the ideal solution for floating connections

Together with the accessories for the change of direction and the fixing, Elettrocanali rigid conduits form a system able to meet any distribution need both in industrial and civil installations. In particular the several different accessories permit to join a rigid conduit with a spiral flexible conduit for installations of machineries, lighting, junction boxes. The rigid conduits can be cold-bent by the proper steel springs. The pliable conduits offer the

installer a wide range of solutions according to the different installation requests: from the conduits to be installed under the wall, in black for standard circuits or in different colours for composite electrical systems, to the self-recovering self-extinguishing ICTA conduits particularly suitable for being put under the floor thanks to a permanent 10% deformation once the load is taken away. They can stand an installation temperature up to 90°C.

ICTA conduits are also available in the pre-wired version. The pliable orange PP conduits series TP are appropriate for prefabrication thanks to the fact that they resist to the heat and recover their original diameter once the load is taken away, for instance when they are buried in concrete. ELETTROCANALI have always used pure raw materials, which guarantees a high quality of the product and a same performances.

RIGID INSULATING PVC CONDUITS **SERIES TG15**

MAIN TECHNICAL FEATURES:

- Material: technopolymer on PVC base with 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).
- Compression resistance: 750 N.
- Classification: medium -3321 according to the standard EN 61386-1, EN 61386-21.
- Available with plain ends or with 1 sleeve, in 2mt or 3mt length.
- Packed in bundles wrapped with transparent plastic film.

CE

GREY RAL 7035

Rigid conduits class. 3321, in 3mt bars

ITEM	EXTERNAL NOMINAL DIAMETER mm	BAR LENGTH m	BUNDLE/MINIPALLET m
ECTG1516	16	3	102/3162
ECTG1520	20	3	102/2040
ECTG1525	25	3	60/1440
ECTG1532	32	3	30/840
ECTG1540	40	3	30/540
ECTG1550	50	3	15/360
ECTG1563	63	3	180

Rigid conduits class. 3321, in 2mt bars

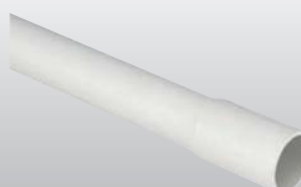
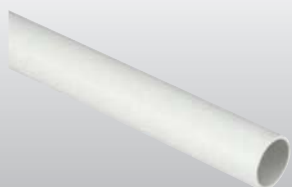
ITEM	EXTERNAL NOMINAL DIAMETER mm	BAR LENGTH m	BUNDLE/MINIPALLET m
ECTG1516-2	16	2	68/2108
ECTG1520-2	20	2	68/1360
ECTG1525-2	25	2	40/960
ECTG1532-2	32	2	20/560
ECTG1540-2	40	2	20/360
ECTG1550-2	50	2	10/240

Rigid conduits class. 3321, in 3mt bars with sleeve

ITEM	EXTERNAL NOMINAL DIAMETER mm	BAR LENGTH m	BUNDLE/MINIPALLET m
ECTG1516B	16	3	75/3000
ECTG1520B	20	3	51/2040
ECTG1525B	25	3	51/1428
ECTG1532B	32	3	30/840
ECTG1540B	40	3	21/420
ECTG1550B	50	3	15/360

Rigid conduits class. 3321, in 2mt bars with sleeve

ITEM	EXTERNAL NOMINAL DIAMETER mm	BAR LENGTH m	BUNDLE/MINIPALLET m
ECTG1516B-2	16	2	50/2000
ECTG1520B-2	20	2	34/1360
ECTG1525B-2	25	2	34/952
ECTG1532B-2	32	2	20/560
ECTG1540B-2	40	2	14/280
ECTG1550B-2	50	2	10/240



RIGID INSULATING PVC CONDUITS **SERIES TG12**

MAIN TECHNICAL FEATURES:

- Material: technopolymer on PVC base with 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).
- Compression resistance: 320 N.
- Classification: light -2221 according to the standard EN 61386-1, EN 61386-21.
- Available with plain ends or with 1 sleeve, in 2mt or 3mt length.
- Packed in bundles wrapped with transparent plastic film.

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GREY RAL 7035

Rigid conduits class. 2221, in 3mt bars

ITEM	EXTERNAL NOMINAL DIAMETER mm	BAR LENGTH m	BUNDLE/MINIPALLET m
ECTG1216	16	3	102/3162
ECTG1220	20	3	102/2040
ECTG1225	25	3	60/1440
ECTG1232	32	3	30/840
ECTG1240	40	3	30/540
ECTG1250	50	3	15/360

Rigid conduits class. 2221, in 2mt bars

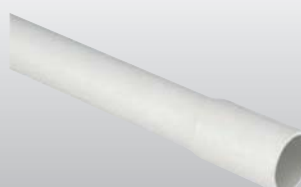
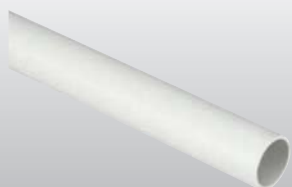
ITEM	EXTERNAL NOMINAL DIAMETER mm	BAR LENGTH m	BUNDLE/MINIPALLET m
ECTG1216-2	16	2	68/2108
ECTG1220-2	20	2	68/1360
ECTG1225-2	25	2	40/960
ECTG1232-2	32	2	20/560
ECTG1240-2	40	2	20/360
ECTG1250-2	50	2	10/240

Rigid conduits class. 2221, in 3mt bars with sleeve

ITEM	EXTERNAL NOMINAL DIAMETER mm	BAR LENGTH m	BUNDLE/MINIPALLET m
ECTG1216B	16	3	102/3162
ECTG1220B	20	3	102/2040
ECTG1225B	25	3	60/1440
ECTG1232B	32	3	30/840
ECTG1240B	40	3	30/540
ECTG1250B	50	3	15/360

Rigid conduits class. 2221, in 2mt bars with sleeve

ITEM	EXTERNAL NOMINAL DIAMETER mm	BAR LENGTH m	BUNDLE/MINIPALLET m
ECTG1216B-2	16	2	68/2108
ECTG1220B-2	20	2	68/1360
ECTG1225B-2	25	2	40/960
ECTG1232B-2	32	2	20/560
ECTG1240B-2	40	2	20/360
ECTG1250B-2	50	2	10/240



■ HALOGEN FREE RIGID INSULATING CONDUITS **SERIES TG21/TG20**

MAIN TECHNICAL FEATURES:

- Material: halogen free technopolymer according to EN 50267-2-1, EN 50267-1-2.
- Resistance to flame propagation: self-extinguishing in less than 30 seconds.
- Compression resistance: 750-320 N.
- Classification: -3342, -2342 according to the Standard EN 61386-1, EN 61386-21.
- Available with plain ends or with 1 sleeve, in 3mt length.
- Packed in bundles wrapped with transparent plastic film.

CE

GREY RAL 7035

■ Halogen free rigid conduits class. 3342 in 3mt bars

ITEM	EXTERNAL NOMINAL DIAMETER mm	BAR LENGTH m	BUNDLE/MINIPALLET m
ECTG2116	16	3	102/3162
ECTG2120	20	3	102/2040
ECTG2125	25	3	60/1440
ECTG2132	32	3	30/840
ECTG2140	40	3	30/540
ECTG2150	50	3	15/360

■ Halogen free rigid conduits class. 2342 in 3mt bars with sleeve

ITEM	EXTERNAL NOMINAL DIAMETER mm	BAR LENGTH m	BUNDLE/MINIPALLET m
ECTG2016B	16	3	102/3162
ECTG2020B	20	3	102/2040
ECTG2025B	25	3	60/1440
ECTG2032B	32	3	30/840
ECTG2040B	40	3	30/540
ECTG2050B	50	3	15/360

*HALOGEN
Free*

