

## TECHNICAL INFORMATION SHEET

### CTA

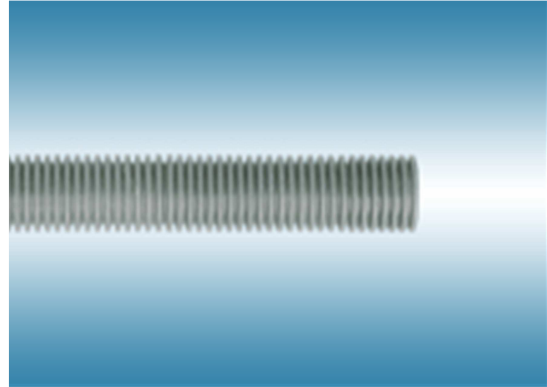
Flexible, corrugated conduits,  
for liquid self-levelling concrete applications,  
self-extinguishing

#### Product Type:

Flexible corrugated conduits in plastic material

#### Applications:

Sub-surface cable management, inside hollow walls,  
false ceilings and raised floors.



#### CTA Range Dimensions :

Name	Nominal diam.	External diam. (mm)	Internal diam. (mm)	Notes
CTA 16	16	16 -0.3	10	
CTA 20	20	20 -0.3	13.5	
CTA 25	25	25 -0.4	17.8	
CTA 32	32	32 -0.4	23.7	
CTA 40	40	40 -0.4	31.2	
CTA 50	50	50 -0.5	39.5	
CTAF 16	16	16 -0.3	10	with cable puller
CTAF 20	20	20 -0.3	13.5	with cable puller
CTAF 25	25	25 -0.4	17.8	with cable puller
CTAF 32	32	32 -0.4	23.7	with cable puller
CTAF 40	40	40 -0.4	31.2	with cable puller
CTAF 50	50	50 -0.5	39.5	with cable puller

#### Accessories for flexible corrugated conduits CTA :


Name	Product Description	Protection classification
MFL	Flexible coupling	IP64
PREG	Straight-adaptor, flexible conduit-outlet box connection	IP64

**Colour:** grey, transparent (MFL)

**Materials:** Self-extinguishing Polypropylene UL94 V2 (no halogen acid gas evolved when subjected to combustion test, in compliance with EN 50267-2-1 standard), rigid self-extinguishing PVC (PREG), self-extinguishing plastified PVC (MFL)

### Declaration of Conformity

All CTA range products and relevant accessories (excluding STC – TAG products) come under the scope of the Low Voltage Directive 2014/35/UE and comply with all relevant essential requirements set in the Directive.

Compliance with the Directive is indicated by the  marking and by all required symbols and markings affixed on the product, its packaging, in the assembly instructions and product catalogue, as well as by full product compliance with applicable standards.

### Normative References:

- EN 61386-1: " Conduit systems for electrical installations  
Part 1: General requirements"
- EN 61386-22: " Conduit systems for electrical installations  
Part 22: Particular requirements - Pliable conduit systems and accessories"

**Crush resistance:** class 3 (greater than 750 newton on 5 cm at +23 +/- 2 °C)

**Impact resistance:** class 4 (2 kg from 30 cm at -5°C)

**Minimum Service Temperature:** class 2 (-5 °C)

**Flame propagation resistance according to EN 60695-11-2** (1kW pre-mixed test flame): non-flame propagating

**Glow wire test EN 60695-2-11:** Passed the 850 °C temperature test (Glow Wire Test EN 60695-2-11).

**Maximum Service Temperature:** class 2 (+ 90 °C)

**Electrical insulation resistance:** greater than 100 Mohm at 500 V for 1 min

**Electric strength:** greater than 2000 V - 50 Hz for 15 min

### Resistance to Chemical Agents:

Saline	Acids		Bases		Solvents				Mineral Oil
	Concentrated	Thinned	Concentrated	Thinned	Hexane	Benzoic acid	Acetone	Ethyl-alcohol	
Resistant	Resistant in certain conditions	Resistant	Resistant in certain conditions	Resistant	Resistant	Unsuitable	Resistant	Resistant	Resistant

### Markings and certifications:



**Conformity with 2011/65/CE (RoHS) Directive:** yes