



DESIGNATION: IBTC TUBE PUBLIC WORKS 1222

Insulating, Bendable, Transversally Elastic, Corrugated Conduit System Manufactured and marketed by GALION SA under the brand name **KRAVEL**

CODE OF THE FIRST 4 DIGITS OF THE CLASSIFICATION

First digit: Crush Resistance		Second digit: impact resistance		Third digit: minimum temperature for use and installation		Fourth digit: maximum temperature for use and installation	
1 Very Light	125 N	1 Very Light	0.5 J	1	+ 5°C	1	60°C
2 Light	320 N	2 Light	1 J	2	- 5° C	2	90°C
3 Average	750 N	3 Average	2 J	3	-15° C	3	105°C
4 High	1250 N	4 High	6 J	4	-25° C	4	120°C
5 Very High	4000 N	5 Very High	20 J	5	-45° C	5	150°C

SCOPE OF APPLICATION:

Designed for the protection of underground electrical installations.

DIMENSIONS

⌀ Exterior (mm)	Tolerance (mm)	⌀ Interior (mm)	Tolerance (mm)
40	-0.3	32	±0.3
50	-0.3	41	±0.4
63	-0.4	50	±0.4

A range extension to the NT standard is currently underway for the following diameters.

75	-0.3	60	±0.4
90	-0.3	75	±0.4
110	-0.4	94	±0.4
160	-0.4	136	±0.4

NT CERTIFICATION NUMBER: 139

REFERENCE STANDARDS: _____

The ICTA PUBLIC WORKS range is manufactured according to the provisions of the following standards: NT 87 169 – 1 (2010) equivalent to EN 61 386 – 1 (2008), and NT 87 169-22 (2007) equivalent to EN 386-22 (2004).

MATERIAL: Polyethylene

COLOR: Red

MECHANICAL PROPERTIES:

- Crushing resistance: **125 N at 20°C**
- Impact resistance: **1 J at -5°C**

THERMAL PROPERTIES:

- Flame propagation resistance: Flame propagator
- Minimum installation and operating temperature: **-5°C.**
- Maximum installation and operating temperature: **+ 90 °C.**

IDENTIFICATION :

Each roll is identified by a label indicating:

- Commercial designation
- Conduit diameter
- Manufacturing order number (OF)
- Length of the coil
- Production date
- Production team ID

PACKAGING : _____

The IBTC Public Works tubes are marketed in coils according to the following table:

	Inter. Diameter (mm)	Ext. Diameter (mm)	Coil Length (m)	Draw-Wire
Tube GW D 40	32	40	50	Yes
Tube GW D 50	41	50	50	Yes
Tube GW D 63	52	63	25/50/100	Yes
Tube GW D 75	60	75	25/50/100	Yes
Tube GW D 90	75	90	25/50	Yes
Tube GW D 110	94	110	25	Yes
Tube GW D 160	136	160	25	Yes

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