



DESIGNATION: IBTC TUBE 2222

Insulating, Bendable, Transversely 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:

Designed for the protection of electrical installations, whether surface-mounted or recessed inside buildings.

DIMENSIONS

∅ Exterior (mm)	Tolerance (mm)	∅ Interior (mm)	Tolerance (mm)
16	-0.3	11	±0.3
20	-0.3	14	±0.4
25	-0.4	19	±0.4
32	-0.4	25	±0.4
40	-0.4	32	±0.4
50	-0.5	41	±0.5

NT CERTIFICATION NUMBER: 586

STANDARDS REFERENCES: _____

The **IBTC 2222** range is manufactured according to the provisions of Tunisian standards NT 87.88 (2010), NT 87.169-1 (2010), NT 87.169-22 (2007), and NT 87.169(2007)/A11.

MATERIAL: Polyolefin

COLOR: Gray

MECHANICAL PROPERTIES:

- Crush resistance: **320 N at 20°C**
- Impact resistance: **1 J at -5°C**

ELECTRICAL PROPERTIES:

- Dielectric strength: **2000V-50Hz for 15 minutes**
- Insulation resistance: **> 100 MΩ under a continuous voltage of 500V**

THERMAL PROPERTIES:

- Flame propagation resistance: Non-flame propagator: **1 Kw** burner test.
- Minimum installation and utilization temperature: **-5°C.**
- Maximum installation and utilization temperature: **+ 90 °C.**

SEALING: IP 44

IK: 06

IDENTIFICATION :

Each roll is identified by a label indicating:

- Commercial designation
- Conduit diameter
- Manufacturing order number (OF)
- Coil length
- Production date
- Production team ID

TRACEABILITY:

Every 2 meters of each roll, a laser imprint indicates:

- Manufacturing date
- Manufacturing order number
- Production team ID

PACKAGING :

The IBTC 2222 tubes are marketed in coils of 100 meters for diameters 16, 20, and 25, and in coils of 50 meters for diameters 32, 40, and 50.

 GALION SA au capital de 20 000 000 DT-Route de Fouchana-Chebedda 1135 Naâssen-Tunis-TUNISIE