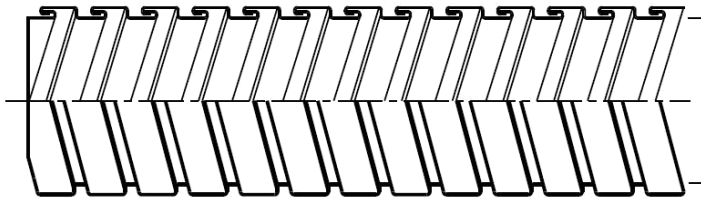


GNDX flexible conduits

Item codes : from 387480 to 387487



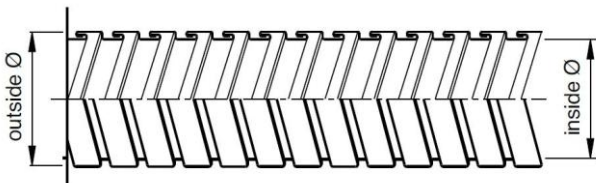
SUMMARY	PAGES
1. Description and applications	1
2. Dimensions and compatibility	1
3. Technical features	1
4. Environmental profile	2
5. Conformity and approvals	2

1. DESCRIPTION AND APPLICATIONS

Stainless steel flexible conduit with double hemming structure. It's a good solution for static or dynamic applications where is needed a stainless steel conduit. It's ideal for the basic protection of electrical connections or for the general distribution in standard environments.

2. DIMENSIONS AND COMPATIBILITY

Dimensions and packaging:



Item	Nominal diameter	Internal diameter [mm]	External diameter [mm]	Curvature radius* [mm]	Pack [m]
387480	10	10,0	12,5	ND	**
387481	12	12,0	14,5	ND	**
387482	16	15,5	18,5	ND	**
387483	21	20,5	23,5	ND	**
387484	27	26,5	30,0	ND	**
387485	35	34,5	38,0	ND	**
387486	40	39,5	43,0	ND	**
387487	51	50,5	54,0	ND	**

* Approximate value: for more information contact Legrand technical offices
 ** On demand

Compatibility:

Connectors, fittings and accessories 200METAL series, metal accessories and equipments.



3. TECHNICAL FEATURES

Raw material:

Stainless steel (AISI304) flexible conduit.

Resistance to chemical agents:

Represents the resistance to chemicals or external agents. The used test method consist of: immersion of the items under test in the chemical substance for 24 hours; once they were dried and conditioned at a constant temperature for other 24 hours, they were checked with the following examinations:

- Visual inspection to check the integrity
- Mechanical bending test
- Mechanical compression test
- IP protection test

Industrial chemical agents	Resistance*
Unleaded petrol	●
Industrial detergent	●
Diesel fuel	●
Lubricant oil	●
Emulsifier solution	●
Washing solvent	●

* resistances to chemicals are indicative. For any specific application or environment please contact Legrand technical offices

- Good resistance
- Medium resistance
- No resistance

Operating temperature:














Minimum: -45° C / -49° F
 Maximum: +250° C / +482° F

Electric properties:

Electric continuity guaranteed.

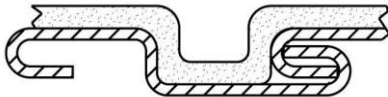
IP protection index:

IP42 with 2000METAL series connectors.

1 st digit IP		2 nd digit IP	
Protection against the ingress of solid bodies		Protection against the ingress of liquids	
0	No protection		2 Protection against drops of water falling at up to 15° from the vertical
	1 Protection against solid bodies larger than 50 mm (e.g.: accidental contact)		3 Protection against drops of rain water at up to 60° from the vertical
	2 Protection against solid bodies larger than 12 mm (e.g.: finger)		4 Protection against sprays of water from all directions
	3 Protection against solid bodies larger than 2.5 mm		5 Protection against jets of water from all directions
	4 Protection against solid bodies larger than 1 mm		6 Protection against jets of water of similar force to heavy seas
	5 Protection against dust		7 Protection against the effects of immersion
	6 Complete protection against dust		8 Protection against prolonged effects of immersion under pressure

Conduit structure:

Double hemming structure.



4. ENVIRONMENTAL PROFILE

All the items identified in this technical sheet respect in terms of concentration of substances and raw materials the European legislations about dangerous and forbidden substances and chemical preparations.

5. CONFORMITY AND APPROVALS



All the items identified in this technical sheet are compliant to all the requirements and the regulations currently in force in the European Union about safety, health and environmental issues.

For technical documentation, test reports, commercial information or any other needs please refer to the local LEGRAND office.