



POLYGREEN NP



FEATURES

POLYGREEN NP is a standard convoluted tubing designed for wire harness protection, made of ~30% recycled materials. It is suited for harsh environments to protect against any mechanical risks such as abrasion or compression, while considerably reducing its carbon footprint (between -20 and -30% reduction). This tube can be delivered slit or non-slit. Assembly tools are available for an easier installation. POLYGREEN NP is compatible with POLYFLEX Accessories for any routing or fixation need.

CHARACTERISTICS

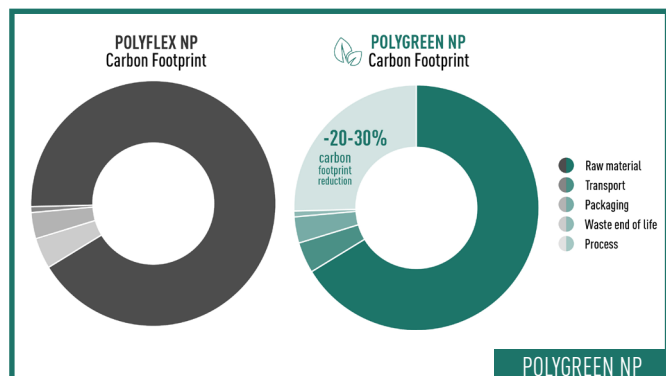
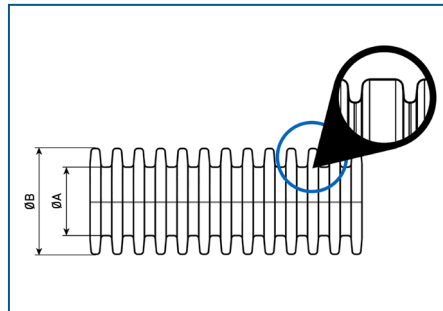
- **Product family:** Standard Convoluted Tubing
- **Construction:** slit or non-slit
- **Materials:** recycled polypropylene, polyamide
- **Standard colors:** black
- **Temperature of use:** up to -40/135°C
- **Typical applications:**
 - Switch cabinets
 - Electrical industry
 - Ship & train building...

PHYSICAL PROPERTIES

Physical properties	Spec	PPST-R030 (30% recycled PP)	PA6-R030 (30% recycled PA6)	PPMOD-R030 (30% recycled PP)
Thermal properties				
Long term aging (3000h)	-	105°C	120°C	135°C
Short term aging	-	350h / 135°C	240h / 150°C	240h / 160°C
Other properties				
Density (g/cm³)	ISO 1183	0.91	1.13	0.91
Flammability (mm/min)	FMVSS 302	< 100	< 100	self-ext.

DIMENSIONS

Designation	ID ØA (mm)*	OD ØB (mm)*
POLYGREEN NP 03	2.8	5.1
POLYGREEN NP 04.5	5.0	7.1
POLYGREEN NP 06	6.0	9.2
POLYGREEN NP 07.5	6.9	9.9
POLYGREEN NP 08.5	8.5	11.6
POLYGREEN NP 10	10.1	12.7
POLYGREEN NP 12	12.0	15.6
POLYGREEN NP 13	12.9	15.8
POLYGREEN NP 14	14.5	18.3
POLYGREEN NP 16	15.2	18.8
POLYGREEN NP 17	16.8	21.0
POLYGREEN NP 19	19.4	24.0
POLYGREEN NP 22	21.8	25.5
POLYGREEN NP 23	23.7	28.0
POLYGREEN NP 26	26.4	31.3
POLYGREEN NP 29	29.3	33.9
POLYGREEN NP 37	36.7	42.0
POLYGREEN NP 50	47.8	53.6



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PACKAGING

- Rolls, Cut lengths upon request