

HelaGuard HG-HI PA12 Standard

Features and Benefits

Standard weight PA12 corrugated flexible conduit for applications with continual movement and bending.

- Standard weight
- Excellent fatigue life
- Recovers form if crushed
- Good mechanical properties at low temperatures
- Highly resistant to solvents and oils
- Free of halogen, sulphur and phosphorus
- Colour: black (UV resistant)

Application

Robots, rail, machine building, plant construction and wherever continual movement and bending are requirements.



HelaGuard PA12 is ideal for robotics.

**Other materials
available on request.
Please contact us!**

Material Data

Material	Polyamide 12 (PA12)
Operating Temperature	-50 °C to +110 °C
Flammability	self-extinguishing according to EN IEC 61386



Technical Table

Article-No.	Type	Nominal Ø	Outside Ø (OD)	Ø D	Bending Radius	Weight (g/m)	Reel Length (m)	Colour
166-11501	HG-HI13	13	13	9.8	25	26	50	Black (BK)
166-11502	HG-HI16	16	15.8	11.8	30	35	50	Black (BK)
166-11503	HG-HI21	21	21.2	16.7	35	55	50	Black (BK)
166-11504	HG-HI28	28	28.5	21.7	45	92	50	Black (BK)
166-11505	HG-HI34	34	34.5	28.1	55	120	25	Black (BK)
166-11506	HG-HI42	42	42.5	35.5	60	160	25	Black (BK)
166-11507	HG-HI54	54	54.5	47.2	70	220	25	Black (BK)

All dimensions in mm. Subject to technical changes.

Other reel lengths available on request.



Please note: for product specific approvals, please contact HellermannTyton.