



Non-Metallic Conduits

• HG-FR PA6 Flame Retardant

Where high fire protection is required.

Features and Benefits

- Highly flame retardant (UL94 V0)
- Low smoke, low toxicity
- Highly flexible and high fatigue life
- Abrasion resistant
- High impact strength, recovers if crushed
- Highly resistant to solvents and oils
- Free of halogen, sulphur and phosphorus
- Colour: black (UV resistant)

Application

Railway vehicles, railway tunnels, underground stations and public buildings, where high fire protection is required.



Public buildings often require HelaGuard PA6 Flame Retardant due to its high fire protection properties.

Material Data	
Material	Polyamide 6, Flame retardant (PA6-FR)
Operating Temperature	-40 °C to +120 °C
Operating Temperature Moving	-20 °C to +100 °C
Flammability	UL94 V0



Technical Table

Article-No.	Type	Nominal Ø	Outside Ø	Inside Ø	Bending Radius	Weight (g/m)	Reel Length (m)	Colour
166-11400	HG-FR10	10	10.0	6.3	15	19	50	Black (BK)
166-11401	HG-FR13	13	13.0	9.8	25	28	50	Black (BK)
166-11402	HG-FR16	16	15.8	11.8	35	38	50	Black (BK)
166-11403	HG-FR21	21	21.2	16.7	45	60	50	Black (BK)
166-11404	HG-FR28	28	28.5	21.7	50	100	50	Black (BK)
166-11405	HG-FR34	34	34.5	28.1	60	135	50	Black (BK)
166-11406	HG-FR42	42	42.5	35.5	70	165	25	Black (BK)
166-11407	HG-FR54	54	54.5	47.2	80	235	25	Black (BK)

All dimensions in mm. Subject to technical changes.

Other reel lengths available on request.