

# PrintaSleeve



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**SPF/ZH** is a flexible thin wall zero Halogen polyolefin heatshrink sleeving with excellent low smoke emission and low evolution of acid gases.

- Offers excellent mechanical and electrical properties
- Ideal for insulation and protection of cables
- Often used for components in enclosed spaces
- Frequently employed where the corrosive products of fire would severely damage equipment
- Is especially suitable for underground railway, offshore and shipboard use
- Can be supplied as reels, cut to length or as cut sleeves
- Can be plain or custom printed

## Material Characteristics:

**Operating Temperature Range:** -40°C to +105°C

**Shrink Ratio:** 2:1

**Tensile Strength:** 7MPa min

**Ultimate Elongation:** 100%

**Specific Gravity:** 1.31

**Low Temperature Flexibility (-55°C):** No cracking

**Elongation after Heat Ageing (135 hours at 135°C):** 180%

**2% Secant Modulus:** 130MPa

**Longitudinal Change:** +5%/-10%

**Dielectric Strength:** 15KV/mm min

**Smoke Index:** 20 max

**Toxicity Index:** 4

**Flame Temperature Index:** 290

**Shrink Temperature:** 100°C

**Fluid Resistance:** Good to excellent

**Applicable Standards:**

**RoHS:** Fully Compliant

**Available colours:**

Black (other colours available to special order)

## Test Method

ISO 37

ISO 37

ISO R1183

MIL-1-23053

ISO 37

ASTM D882

MIL-1-23053

ASTM D876

BS 3G198-3 Annex B

NES 713

NES 715

ISO1817/ISO 37

BS3G-198 Pt.3 Type 15,, DEF STAN 59-97TYPE2B Issue 3 Type 8, BRI1326A,



Reference	Nominal i.d as supplied (mm)	Recovered i.d (mm)	Wall Thickness (mm)	Standard reels (m)
SPF/ZH3.2	3.2	1.6	0.51	200
SPF/ZH4.8	4.8	2.4	0.51	200
SPF/ZH6.4	6.4	3.2	0.64	150
SPF/ZH9.5	9.5	4.8	0.64	150
SPF/ZH12.7	12.7	6.4	0.64	150
SPF/ZH19.0	19.0	9.5	0.76	50
SPF/ZH25.4	25.4	12.7	0.89	50
SPF/ZH38.0	38.0	19	1.00	50
SPF/ZH51.0	51.0	25.4	1.15	25

Can be supplied in alternative quantities on request.

Other grades of heatshrink are available. Please refer to our website - [www.printasleeve.com](http://www.printasleeve.com)

E & OE