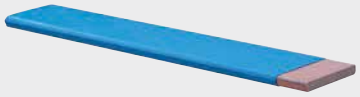

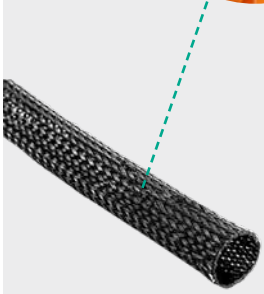

HFR-0...BK

Heat shrink tubing

Provides an effective halogen-free, flexible, flame retardant, abrasion resistant insulation protection for cables and busbars in electrical and electronics applications.

type	inside dia Ø	shrink ratio	after recovery dia Ø	after recovery wall thickness	description	roll length (meters)

JD-HFT - Halogen free heat-shrinkable tubing

General purpose heat shrink tubing for use in enclosed areas where a flame retardant, halogen-free environment is required.

- Material: Polyolefin
- Colour: Black *(other colours available on request)*
- Shrink temperature: 90°C
- Operating temperature: -55°C...125°C

JD-HFT015-0	1.5 mm	3:1	0.5	≤ 0.40 mm	heat shrink tubing	200 m
JD-HFT030-0	3 mm	3:1	1.0	≤ 0.55 mm	heat shrink tubing	200 m
JD-HFT060-0	6 mm	3:1	2.0	≤ 0.60 mm	heat shrink tubing	100 m
JD-HFT090-0	9 mm	3:1	3.0	≤ 0.70 mm	heat shrink tubing	50 m
JD-HFT120-0	12 mm	3:1	4.0	≤ 0.70 mm	heat shrink tubing	50 m
JD-HFT180-0	18 mm	3:1	6.0	≤ 0.80 mm	heat shrink tubing	50 m
JD-HFT240-0	24 mm	3:1	8.0	≤ 1.00 mm	heat shrink tubing	25 m
JD-HFT390-0	39 mm	3:1	13.0	≤ 1.25 mm	heat shrink tubing	25 m

*Other colours (replace last digit **"0"** with: **"R"** (red) **"B"** (blue) **"W"** (white)*

JDD-BT-1KV *heat-shrinkable bus bar insulation protection (medium wall)*

Track resistant polyolefin heat-shrinkable bus bar tubing used to protect and insulate rectangular, square or round bus bars – halogen free, low smoke.

Busbar tubing calculation: *add four sides and divide by 3.4+10%*

- Material: Polyolefin
- Colour: Black *(other colours available on request)*
- Shrink ratio: 2:1
- Shrink temperature: 110°C
- Operating temperature: -55°C...125°C
- Tensile strength: ≥ 10.4MPa
- Elongation at break: ≥ 500%
- Dielectric strength: ≥ 25kV/mm

JDDBT020-0	20.0	2:1	8	1.10 mm	heat shrink tubing	100 m
JDDBT030-0	30.0	2:1	12	1.10 mm	heat shrink tubing	50 m
JDDBT040-0	40.0	2:1	16	1.10 mm	heat shrink tubing	50 m
JDDBT050-0	50.0	2:1	20	1.10 mm	heat shrink tubing	25 m
JDDBT060-0	60.0	2:1	24	1.10 mm	heat shrink tubing	25 m
JDDBT080-0	80.0	2:1	28	1.20 mm	heat shrink tubing	25 m
JDDBT100-0	100.0	2:1	50	1.20 mm	heat shrink tubing	25 m

*Other colours (replace last digit **"0"** with: **"R"** (red) **"B"** (blue) **"W"** (white)*

HFR - Expandable braided sleeving

Braided expandable sleeving provides excellent protection, durable abrasion resistance with excellent flame-retardant properties for the protection of wires, cables, wire harnesses, pipes and industrial hoses.

- Material: Polyester monofilament
- Standard colour: Black
- Operating temperature: -50°C...+150°C (melt point 230°C)
- Flammability: Flame retardant UL94 V-O
- Certified: RoHS, UL, CSA

type	nominal size *	expanded range Ø min.	expanded range Ø max.	description	carton length
HFR-008BK	8 mm	5 mm	16 mm	expandable braided sleeving	100 m
HFR-010BK	10 mm	7 mm	19 mm	expandable braided sleeving	100 m
HFR-012BK	12 mm	8 mm	24 mm	expandable braided sleeving	50 m
HFR-015BK	15 mm	10 mm	27 mm	expandable braided sleeving	50 m
HFR-020BK	20 mm	14 mm	30 mm	expandable braided sleeving	50 m
HFR-030BK	30 mm	20 mm	50 mm	expandable braided sleeving	50 m
HFR-040BK	40 mm	30 mm	60 mm	expandable braided sleeving	50 m
HFR-050BK	50 mm	40 mm	80 mm	expandable braided sleeving	50 m

* *Nominal size indicates flat width*