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FEATURES

- Lightweight and flexible
- High expansion ratio
- Excellent abrasion and cut-through resistance
- Highly flexible with a high tensile strength
- UV light resistant
- PET resistant to most chemicals and solvents
- Flame retardant
- Flammability rating 94V2, VW-1
- Operating temperature range -40 to +125°C

RS PRO Expandable Braided PET Black Cable Sleeve, 10mm Diameter, 5m Length

RS Stock No.: 408-209



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Cable Sleeves

Product Description

From RS PRO a range of high-quality expandable cable sleeving made from durable and environmentally friendly PET (Polyester) monofilament yarns. Electrical wires and cables are simply routed through the sleeve and the flexible construction of the sleeve expands to accommodate a wide range of cable diameters. The unique woven braided construction of this PET cable sleeving and its high expansion ratio allows it to be quickly and easily installed over large connectors, wire bundles and irregular shapes.

General Specifications

Material	PET
Colour	Black
Braided	Yes
Expandable	Yes
Fire Behaviour	Flame retardant
Applications	Laboratories, Chemical processing, Appliance manufacturing, Medical and pharmaceutical, Automotive and marine applications, Building and construction industry, Food and beverage industries

Mechanical Specifications

Sleeve Diameter	10mm
Sleeve Length	5m
Cable Diameter Range	6mm to 18mm
Minimum Cable Diameter	6mm
Maximum Cable Diameter	18mm
Strand (End)	3

Cable Sleeves

Operation Environment Specifications

Operating Temperature Range	-50°C to 125°C
Minimum Operating Temperature	-50°C
Maximum Operating Temperature	125°C

Approvals

Compliance/Certifications	UL
Standards Met	RoHS Compliant, UL 1441



Technical Data

Property	Test Method	Typical Value
Heat resistance	150˚C /240 hrs	Pass
Melting Temperature	ASTM D 276	265℃
Flammability	UL 224	94V2
Abrasion Test	STL S21 5101	None-broken after 144000 cycles.
Solvent Resistance	16726-F01	PASS

Cable Sleeves

Specifications

Part No.	Description	Nominal Size	Strand(end)	Bundle DIA Min(mm)	Bundle DIA Max(mm)	Colour
408243	Expandable braided sleeve	5	3	3	10	Grey
408237	Expandable braided sleeve	10	3	6	18	Grey
408249	Expandable braided sleeve	15	3	10	25	Grey
408233	Expandable braided sleeve	20	3	12	30	Grey
408192	Expandable braided sleeve	30	4	25	45	Grey
408259	Expandable braided sleeve	40	4	35	60	Grey
408255	Expandable braided sleeve	50	5	45	73	Grey
408198	Expandable braided sleeve	5	3	3	10	Black
408209	Expandable braided sleeve	10	3	6	18	Black
408205	Expandable braided sleeve	15	3	10	25	Black
408215	Expandable braided sleeve	20	3	12	30	Black
408211	Expandable braided sleeve	30	4	25	45	Black
408221	Expandable braided sleeve	40	4	35	60	Black
408227	Expandable braided sleeve	50	5	45	73	Black
408277	Expandable braided sleeve	10	3	5	21	Black
408271	Expandable braided sleeve	25	3	10	30	Black
408287	Expandable braided sleeve	40	3	18	54	Black
408293	Expandable braided sleeve	3	1	2.36	6.35	Black
408283	Expandable braided sleeve	12	3	6.35	19	Black
408299	Expandable braided sleeve	19	3	12.7	31.7	Black