

FEATURES

- **Lightweight yet highly durable offering excellent protection of wires**
- **High expansion ratio offering excellent flexibility**
- **UV-light resistance**
- **Excellent abrasion resistance**
- **Flame retardant**
- **Halogen free**
- **Wide operating temperature**
- **Available in a wide range of sizes**

RS PRO Expandable Braided PET Black Cable Sleeve, 30mm Diameter

RS Stock No.: 179-7023



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.

Product Description

Manufactured from PET monofilament yarns, this range of expandable sleeving for cables from RS PRO offer quick and easy installation over wires in a range of applications. These lightweight yet durable sleeves are flame retardant and halogen free, offering excellent protection of wires in environments with high temperatures whilst preventing harsh chemicals being released in the event of a fire. The flexible PET design allows for expansion and makes the sleeves ideal for applications where wires need to be installed around other components. RS PRO expandable braided sleeves are available in a wide range of sizes to suit your needs in a variety of applications.

General Specifications

Material	PET
Colour	Black
Braided	Yes
Expandable	Yes
Fire Behaviour	Halogen Free; Self-extinguishing
Applications	Automotive, Industrial, Mechanical

Mechanical Specifications

Sleeve Diameter	30
Cable Diameter Range	28mm to 47mm
Minimum Cable Diameter	28mm
Maximum Cable Diameter	47mm

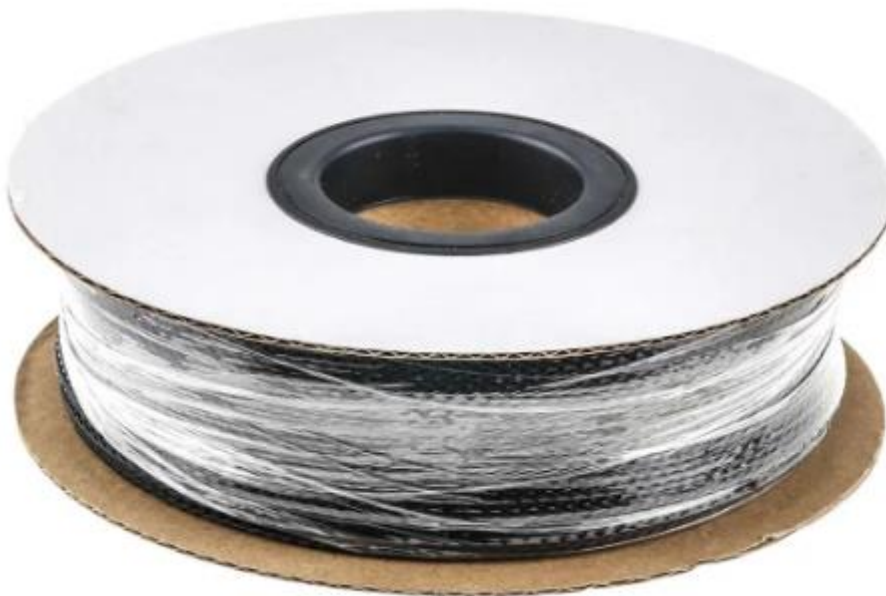
Property	Test Method	Typical Value
Tensile Strength	ASTM D876	100000PSI

Operation Environment Specifications

Operating Temperature Range	-50°C to 150°C
Minimum Operating Temperature	-50°C
Maximum Operating Temperature	150°C

Approvals

Compliance/Certifications	UL ,RoHS
Standards Met	UL file no. E304566



Technical Data

Property	Test Method	Typical Value
Heat resistance	ISO R188 175°C /168 Hrs	Breaking strength before aging is 80%.
Melting Temperature	ASTM D 276	265°C
Flammability	UL 224	VW-1
Abrasion Test	STL S21 5101	None-broken after 144000 cycles.
Solvent Resistance	16726-F01	PASS
Tensile Strength	ASTM D876	100000 PSI

RS Part No.	GAPEX Part No.	Nominal Size	Expansion Range DIA		Color	Packing Meter/Roll
		mm	Min(mm)	max(mm)		
1797007	BSPETFR5RBK	5	3	9	Black	25 M /R
1797008	BSPETFR5RGY	5	3	9	Grey	25 M /R
1797009	BSPETFR6RBK	6	4	11	Black	25 M /R
1797010	BSPETFR6RGY	6	4	11	Grey	25 M /R
1797011	BSPETFR8RBK	8	5	12	Black	15 M /R
1797012	BSPETFR8RGY	8	5	12	Grey	15 M /R
1797013	BSPETFR10RBK	10	7	15	Black	15 M /R
1797014	BSPETFR10RGY	10	7	15	Grey	15 M /R
1797015	BSPETFR12RBK	12	8	17	Black	15 M /R
1797016	BSPETFR12RGY	12	8	17	Grey	15 M /R
1797017	BSPETFR15RBK	15	10	21	Black	15 M /R
1797018	BSPETFR15RGY	15	10	21	Grey	15 M /R
1797019	BSPETFR20RBK	20	14	27	Black	10 M /R
1797020	BSPETFR20RGY	20	14	27	Grey	10 M /R
1797021	BSPETFR25RBK	25	18	34	Black	10 M /R
1797022	BSPETFR25RGY	25	18	34	Grey	10 M /R
1797023	BSPETFR30RBK	30	28	47	Black	10 M /R
1797024	BSPETFR30RGY	30	28	47	Grey	10 M /R