



ABS

ABS is an expandable braided sleeve designed to have particular acoustic dampening properties. It is made by incorporating bulked PA monofilaments in a standard PET construction to reduce unwanted noise. It is available in sizes up to 50mm as standard and can be cut as required.

In addition to the protective and strengthening properties of standard PET monofilament braid, this braided hybrid jacket substantially reduces unwanted noise by lessening background noise and vibration interference thus allowing for purer sound reproduction. It is currently used in a number of industries such as the automotive industry. It is used in instrument panel assembly, military headsets, as well as the construction of certain hi-fi and other audio equipment. It is suitable for use on cables, hoses and pipes as well as many other applications and is easy to install readily expanding over splices and connectors.

TECHNICAL DATA

• OPERATING TEMPERATURE

- 50°C-+ 150°C

• FLAME RETARDANT

Yes

• COLOURS

Black

• SIZES

3mm – 50mm

• PACKING

Reels, mini-reels, mini-packs, cut to length, cut sleeves

• APPROVALS

UL approved, RoHS Compliant

• APPLICATIONS / INDUSTRIES

General, Commercial, Electrical, Electronics, Industrial, Mechanical, Automotive

Properties	Typical Values	
GENERAL		
Operating temperature	50°C – + 150°C	
Short-term peak temperature	Up to 175°C	
Melt temperature	240°C	
Monofilament thickness	0.22mm & bulked	
THERMAL		
Flammability	Self -extinguishing, V-2	FMVSS 302, UL94 on compound
CHEMICAL		
Chemical resistance	Unaffected by most chemicals	D47 1924
Toxicity	Halogen free	
Opacity	Low smoke density	

Size (mm)	Supplied diameter (mm)	Application range (mm)
3	3.0	1 – 6
4	4.0	2 – 7
6	6.0	4 – 10
9	9.0	6 – 15
12	12.0	8 – 19
15	15.0	10 – 23
20	20.0	13 – 28
30	30.0	20 – 38
40	40.0	30 – 48
50	50.0	40 – 58

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