

Specialty Convoluted Tubing



SOUND ABSORPTION TUBING

The SOUND ABSORPTION TUBING combines the mechanical protection of a regular convoluted tube and the dampening properties of a polyester felt.

They are typically used to protect interior wiring, doors, roofs and all areas where wires can be exposed.

They can limit the noise level due to vibrations and to rattling as well.

The SOUND ABSORPTION TUBING is delivered slit (**GAB** profile).

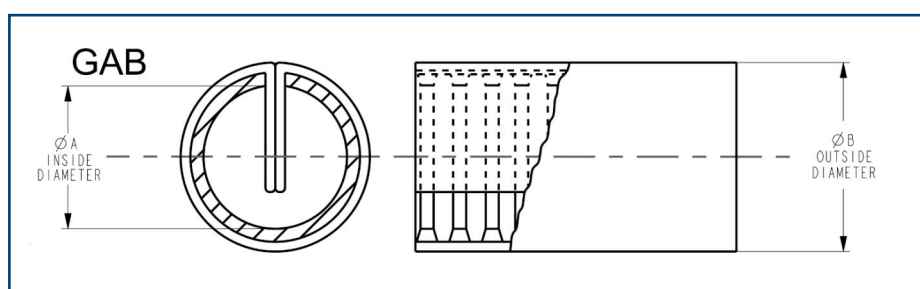
The tubing slit eases assembly and allows the preformed wire to be dressed.

Characteristics

Colors: standard colors are gray for the convoluted tubing and black for the felt.

Physical properties	Specification	Unit	Value
Self-extinguishing polypropylene tubing			
Thermal properties			
Continuous temp. of use - min/max (3000h)	-	°C (°F)	-40/100 (-40/212)
Peak temperature (240h)	-	°C (°F)	125 (257)
Mechanical properties			
Tensile strength at break	ISO 527	MPa	>27.5
Elongation at break	ISO 527	%	>600
Hardness	ISO 868	shore D	66
Other properties			
Density	ISO 1183	g/cm ³	0.92
Flammability	FMVSS 302	mm/min	self-extinguishing
Adhesive polyester felt			
Mechanical properties			
Tensile strength at break - lengthwise	ISO 9073/3	N/5cm	250
Tensile strength at break - transverse	ISO 9073/3	N/5cm	350
Elongation at break	ISO 9073/3	%	45
Other properties			
Weight per unit area	NF EN 29073	g/m ²	150 ±15
Thickness	NF EN ISO 9073	g/mm	0.95±15

Dimensions



Designation	ØA	ØB
	(mm)	
GAB 06	6.65	11.5
GAB 09	9.4	15.5
GAB 11	12.3	19
GAB 13	14.05	20.9
GAB 16	16.35	23.8
GAB 19	19.25	26.3
GAB 23	23.5	30.9
GAB 26	25.8	34
GAB 29	29.3	38.2
GAB 32	32.05	40.7

Approvals

Direct: Fiat Chrysler Automobiles, Ford, General Motors, Jaguar/Land Rover, Opel, Peugeot-Citroën, Renault-Nissan, Volvo Cars Corp.

Packaging

The SOUND ABSORPTION TUBING can be delivered in bulks or in cut lengths from 15 to 2,000 mm (other lengths upon request only).

Data and photos for information only. Delfingen makes no warranties as to the accuracy or completeness of this information. Delfingen reserves the right to make changes in materials or processing without notification.

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