

PRODUCT DATA SHEET

Flexible Tube Type A-P-K

APPLICATION

Flexible tube for common warm air routing in caravan, motorhome and marine heating systems.

Air distribution for engine bay and passenger compartments as well as fresh air supply of auxiliary heating units.

Protective synthetic top layer stable to splash water and dripping oil

Flexible tube for fresh air supply without aggressive additives, vapour or abrasive solids.

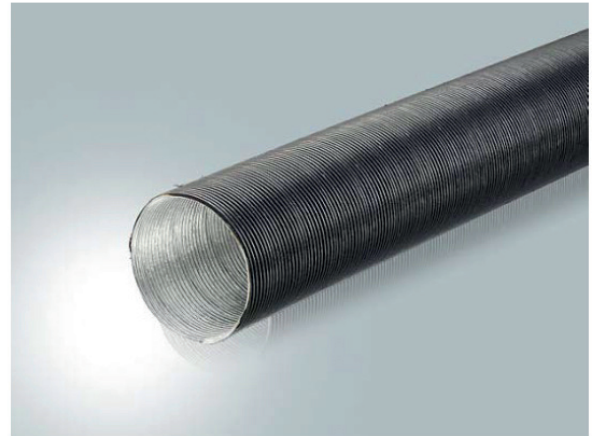
STRUCTURE OF TUBE

Inner layer: Aluminium foil

Middle layer: Paper

Outer Layer: Synthetic foil, black

The layers are overlapped and glued together to provide a firm bond.



NOMINAL DIAMETER - COMPRESSED VERSION

INNER DIAMETER (ID)	Ø - TOLERANCE	WALL THICKNESS
from 20.0mm to 29.9mm	+0.8mm	1.7 ± 0.3mm
from 30.0mm to 39.9mm	+0.8mm	1.8 ± 0.3mm
from 40.0mm to 44.9mm	+0.8mm	1.9 ± 0.3mm
from 45.0mm to 69.9mm	+0.8mm	2.0 ± 0.3mm
from 70.0mm to 79.9mm	+1.0mm	2.1 ± 0.3mm
from 80.0mm to 99.9mm	+1.0mm	2.2 ± 0.3mm
from 100.00mm	+1.2mm	2.3 ± 0.4mm

STANDARD NOMINAL DIAMETER (MM):

20 / 20.9 / 22 / 24.5 / 25 / 26 / 28 / 30 / 32 / 34 / 35 / 38 / 40 / 42 / 45 / 50 / 55 / 60 / 65 / 67 / 67.2 / 70 / 70.2 / 75 / 75.2 / 75.5 / 80 / 90 / 100

Further dimensions on request.

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LENGTH

For inner diameter ID 20 up to ID 45 in cut lengths up to 3m or in coils of 20m.

For inner diameter ID 46 up to ID 100 in cut lengths up to 3m or in coils of 25m.

LENGTH TOLERANCE

Up to 250mm \pm 5mm, above 250mm \pm 2%

NUMBER OF CORRUGATIONS

Minimum of 400 C/m

MINIMUM BENDING RADIUS

Approx. 2 x ID (based on neutral line)

SPECIFICATION

Bulk stock (in coils)

Cut length

- With longitudinal slit/cutting/slitting/drilling

TECHNOLOGICAL CHARACTERISTICS

Approved in compliance with automotive and caravan industry regulating standards.

TECHNICAL PROPERTY	TEST METHOD	RESULT
Temperature resistance ¹	International standard	-40°C up to +110°C
Combustion	DIN 75 200/FMVSS 302	Burning speed = 0
Flexibility, ductility	Internal Standard	passed

Subject to alterations without notice 04.04.18

¹ Temperature of leading medium can be up to 150°C at an ambient temperature of 20°C.



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