

AKU-COMP



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Description	Inner pipe: Compact Insulation thickness: 25 and 50mm glass wool mat Outer sleeve: PE-plastic	Temperature range	-40°C to +80°C
Area of use	Sound damping duct for supply and exhaust air systems in buildings.	Terminal version	Metal sleeves, standard versions
Material	Single layer of profiled aluminium strips, Glass wool and PE-plastic.	Dimensions	Diameter 80-315mm, see table below for standard length for relevant diameter. Aku-komp with 50mm insulation is supplied in 0.6m and 1.2m lengths and is offered on request.
Properties	Sound damping, diffusion sealed, flexible, compressible and fire- resistant	Bend radius	2-3 x diameter
		Fire classification	The glass wool is VIM tested and classed as non-flammable material by SP Technical Research Institute of Sweden

Dimensions table

Internal dimension (mm)	Standard length	Insulation thickness
80	1m	25mm
100	1m	25mm
125	1m	25mm
160	1m	25mm
200	1m	25mm
250*	1m	25mm
315*	1m	25mm

*Not a stock item

Measured insertion damping Aku-comp pipes according to GLSM. Method for determining insertion damping in the duct silencer.

Internal diam.mm	Length mm	Insertion damping dB octave strip (mid frequency Hz)							
		63	125	250	500	1000	2000	4000	8000
100	1000	15	27	35	33	36	42	28	16
125	1000	16	30	43	33	32	36	19	11
160	1000	19	31	28	26	34	37	9	9

Alternative product Can also be ordered in lengths of 0.6m and 1.2m.
All lengths are available with an insulation thickness of 50mm, up to dimension Ø200m.

*315mm is made with alu-sleeve or grey plastic.