

DATASHEET

rev. 02 - 27/11/2023

Simple aluminium flexible ducted flexible hose with internal antibacterial treatment

11156085 - 11156102 - 11156127
11156152 - 11156160 - PWC400017
11156180 - 11156203 - 11156254
11156305 - 11156356 - 11156457
11156610



DESCRIPTION

Lightweight, flexible, non-insulated duct made from two sheets of rolled aluminium with one in polyester, all of it reinforced with spiral-wound steel wire.

Inside there is an antibacterial film.

Thanks to its exceptional flexibility, it can be easily installed on circular and oval collars.

TECHNICAL SPECIFICATIONS:

- Operating temperature: -30°C to +140°C
- Length 10 m
- Ø from 85 to 610 mm
- Bending radius: 0.6 times the diameter
- Antibacterial treatment on the inner surface
- Conforms to EN 13180
- Tested in accordance with ISO 22196:2007 for bacteria:
 - MRSA
 - E. coli
 - Salmonella Typhimurium
 - Staphylococcus Aureus

STRUCTURE

- 2 layers of aluminium thickness 7 m
- 1 polyester layer thickness 12 m
- Spiral made of spring steel wire incorporated between the layers
- Internal antibacterial film

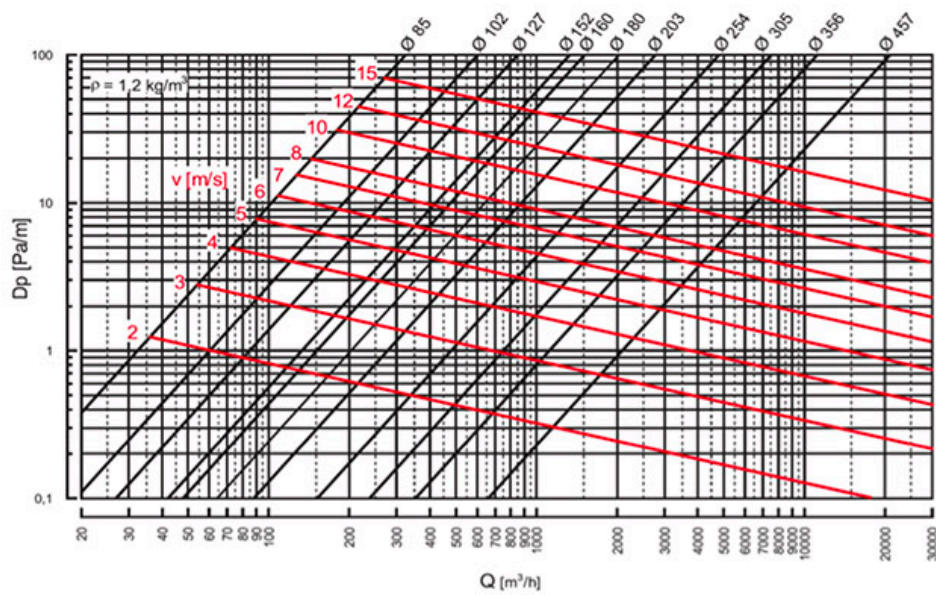
APPLICATIONS

- Air conditioning
- Thermal-ventilation
- Ventilation for kitchens and bathrooms

DIMENSIONS

CODE	INTERNAL Ø [mm]
11156085	85
11156102	102
11156127	127
11156152	152
11156160	160
PWC400017	165
11156180	180
11156203	203
11156254	254
11156305	305
11156356	356
11156457	457
11156610	610

DISTRIBUTED LOAD LOSSES FOR FULLY EXTENDED FLEXIBLE THERMAL- PHONIC DUCTING



ACOUSTIC ATTENUATION FOR DUCTED FLEXIBLE HOSE, PHONIC HOSE IN DOUBLE-WALLED ALUMINIUM

1m	[Hz]					
Ø	125	250	500	1000	2000	4000
100	15	21	25	34	29	31
125	13	21	24	26	26	31
160	8	12	29	28	27	31
200	6	13	23	22	27	23
250	10	17	19	19	21	14
315	16	18	17	19	16	10
406	9	17	15	20	10	5

2m	[Hz]					
Ø	125	250	500	1000	2000	4000
100	17	22	25	43	48	31
125	13	21	26	34	37	32
160	15	17	27	35	44	36
200	11	21	26	39	29	34
250	7	17	24	27	27	23
315	13	21	20	22	24	16
406	14	16	16	22	16	8

3m	[Hz]					
Ø	125	250	500	1000	2000	4000
100	17	28	39	43	48	32
125	18	27	38	41	44	33
160	17	25	37	39	37	37
200	21	23	35	38	36	39
250	10	20	30	32	28	32
315	18	21	25	30	28	23
406	18	17	18	22	20	13

ITEMS

CODE	DESCRIPTION
11156085	FLEXIBLE DUCTED PIPE IN SIMPLE ALUMINIUM WITH INTERNAL ANTIBACTERIAL TREATMENT Ø 85
11156102	FLEXIBLE DUCTED PIPE IN SIMPLE ALUMINIUM WITH INTERNAL ANTIBACTERIAL TREATMENT Ø 102
11156127	FLEXIBLE DUCTED PIPE IN SIMPLE ALUMINIUM WITH INTERNAL ANTIBACTERIAL TREATMENT Ø 127
11156152	FLEXIBLE DUCTED PIPE IN SIMPLE ALUMINIUM WITH INTERNAL ANTIBACTERIAL TREATMENT Ø 152
11156160	FLEXIBLE DUCTED PIPE IN SIMPLE ALUMINIUM WITH INTERNAL ANTIBACTERIAL TREATMENT Ø 160
PWC400017	
11156180	FLEXIBLE DUCTED PIPE IN SIMPLE ALUMINIUM WITH INTERNAL ANTIBACTERIAL TREATMENT Ø 180
11156203	FLEXIBLE DUCTED PIPE IN SIMPLE ALUMINIUM WITH INTERNAL ANTIBACTERIAL TREATMENT Ø 203
11156254	FLEXIBLE DUCTED PIPE IN SIMPLE ALUMINIUM WITH INTERNAL ANTIBACTERIAL TREATMENT Ø 254
11156305	FLEXIBLE DUCTED PIPE IN SIMPLE ALUMINIUM WITH INTERNAL ANTIBACTERIAL TREATMENT Ø 305
11156356	FLEXIBLE DUCTED PIPE IN SIMPLE ALUMINIUM WITH INTERNAL ANTIBACTERIAL TREATMENT Ø 356
11156457	FLEXIBLE DUCTED PIPE IN SIMPLE ALUMINIUM WITH INTERNAL ANTIBACTERIAL TREATMENT Ø 457
11156610	FLEXIBLE DUCTED PIPE IN SIMPLE ALUMINIUM WITH INTERNAL ANTIBACTERIAL TREATMENT Ø 610