

Simple armored aluminium flexible ducted flexible hose

- cod. 11151080 - cod. 11151102 - cod. 11151127
- cod. 11151140 - cod. 11151152 - cod. 11151160
- cod. PWC400015 - cod. 11151180 - cod. 11151204
- cod. 11151254 - cod. 11151305 - cod. 11151356
- cod. 11151457 - cod. 11151610



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.

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

Made of:

2 layers of aluminium thickness 7 μ m

1 polyester layer thickness 12 μ m

Spiral made of spring steel wire incorporated between the layers

TECHNICAL SPECIFICATIONS:

- Operating temperature -30°C to +140°C
- Length 10 m
- Recommended minimum bending radius 0.6 D
- \varnothing from 85 to 457 mm
- Operating pressure max 5000 Pa
- Reaction to fire:
 - DIN 4102 category B1
 - UI 723 class 1
 - NF P92-507:2004 M1

- Conforms to EN 13180

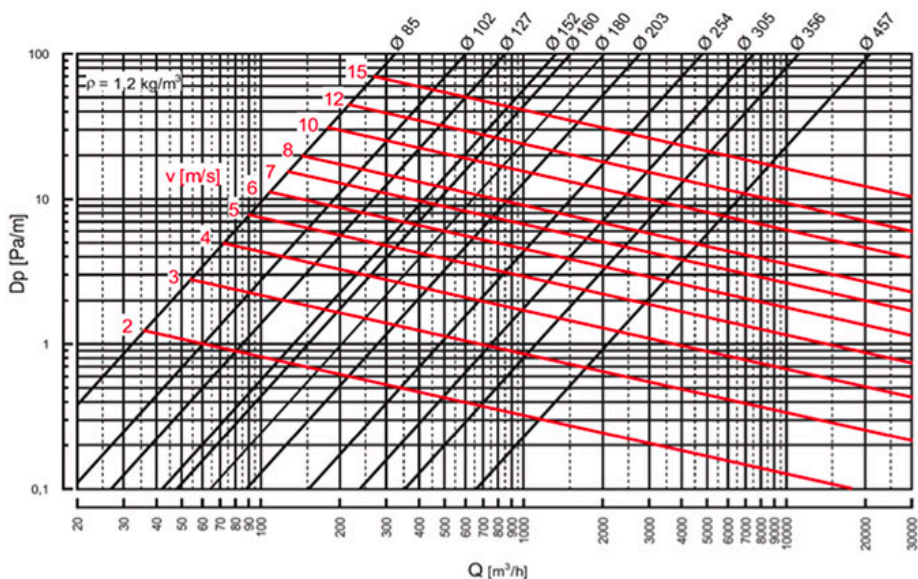
APPLICATIONS

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

DIMENSIONS

CODE	INTERNAL Ø [mm]
11151080	85
11151102	102
11151127	127
11151140	140
11151152	152
11151160	160
PWC400015	165
11151180	180
11151204	203
11151254	254
11151305	305
11151356	356
11151457	457
11151610	610

DISTRIBUTED LOAD LOSSES FOR FULLY EXTENDED FLEXIBLE DUCTING



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

1m	[Hz]					
	Ø	125	250	500	1000	2000
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
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
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
11151080	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 82
11151102	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 102
11151127	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 127
11151140	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 140
11151152	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 152
11151160	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 160
PWC400015	FLEXIBLE CHANNELED ALUMINIUM PIPE HOSE Ø165 mm L.10 m
11151180	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 180
11151204	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 203
11151254	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 254
11151305	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 305
11151356	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 356
11151457	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 457
11151610	REINFORCED UNINSULATED ALUMINIUM FLEXIBLE DUCT Ø 610

All rights relating to this publication are the exclusive property of Tecnosystemi SpA.
 Tecnosystemi SpA reserves the right to make changes at any time and without notice, for technical or commercial needs.