

# Simple polyethylene flexible ducted flexible hose

- cod. 11153080 - cod. 11153102 - cod. 11153127  
- cod. 11153140 - cod. 11153152 - cod. 11153160  
- cod. PWC400019 - cod. 11153180 - cod. 11153204  
- cod. 11153254 - cod. 11153305 - cod. 11153356  
- cod. 11153457 - cod. 11153610



## DESCRIPTION

Lightweight, flexible, non-insulated duct made from two sheets of polyethylene reinforced with spiral-wound steel wire. Thanks to its exceptional flexibility, it can be easily installed on circular and oval collars.

Made of:

1 polyethylene layer thickness 100  $\mu$ m

Spiral made of spring steel wire incorporated between the layers

## TECHNICAL SPECIFICATIONS:

- Operating temperature:  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Length 10 m
- $\varnothing$  from 85 to 610 mm
- Bending radius 1 times the diameter
- Conforms to EN13180
- Good compression
- Good flexibility

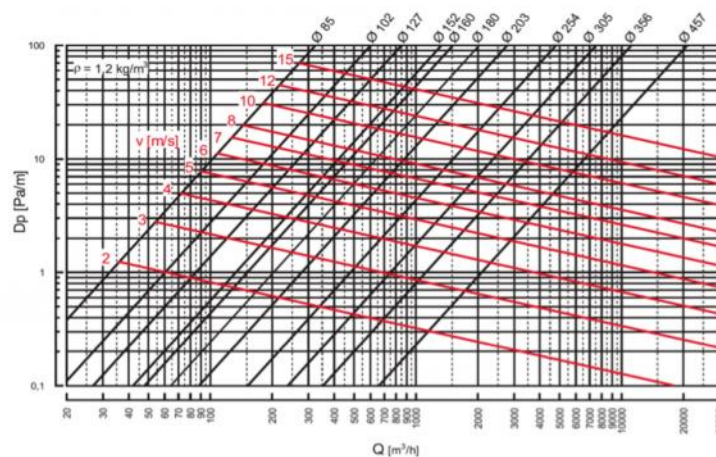
## APPLICATIONS

- Air conditioning
- Ventilation for kitchens and bathrooms

## DIMENSIONS

CODE	INTERNAL Ø [mm]
11153080	82
11153102	102
11153127	127
11153140	140
11153152	152
11153160	160
PWC400019	165
11153180	185
11153204	203
11153254	254
11153305	305
11153356	356
11153457	457
11153610	610

## DISTRIBUTED LOAD LOSSES FOR FULLY EXTENDED FLEXIBLE DUCTING



## ACOUSTIC ATTENUATION FOR DUCTED FLEXIBLE THERMAL 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
11153080	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 82
11153102	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 102
11153127	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 127
11153140	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 140
11153152	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 152
11153160	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 160
PWC400019	FLEXIBLE POLYETHYLENE HOSE Ø165 mm L.10 m
11153180	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 185
11153204	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 203
11153254	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 254
11153305	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 305
11153356	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 356
11153457	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 457
11153610	UNINSULATED POLYETHYLEN ULTRA-FLEXIBLE DUCT Ø 610

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