

# DATASHEET

rev. 02 - 27/11/2023

## Simple polyethylene flexible ducted flexible hose

11153080 - 11153102 - 11153127  
11153140 - 11153152 - 11153160  
PWC400019 - 11153180 - 11153204  
11153254 - 11153305 - 11153356  
11153457 - 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 m

Spiral made of spring steel wire incorporated between the layers

### TECHNICAL SPECIFICATIONS:

- Operating temperature: -20°C to +70°C
- Length 10 m
- Ø from 85 to 610 mm
- Bending radius 1 times the diameter
- Conforms to EN13180
- Good compression
- Good flexibility

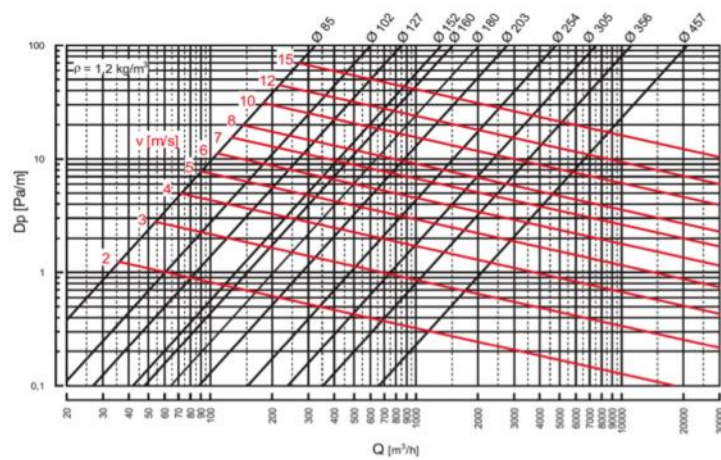
### APPLICATIONS

- 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 | 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                                       |
|-----------|---|
| 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 |   |
| 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 |