

## FLEX HOSE HT 300 hs

HOSES › Gas and hot fume suction pipes

Flexible hose made of fiberglass fabric and SILICONE on both sides.

External metal spiral fixed by yellow heat-resistant tape.

Ends with smooth sleeves, reinforced with respect to the tube, without metal spiral of standard length 100mm otherwise on request.

Suitable for the suction and delivery of general fumes, welding fumes, exhaust gases from motor vehicles, industrial vehicles, heavy mechanical industry, glass industry, naval industry, refineries where particular resistance to high temperatures is required.

Simple to apply, thanks to the reinforced ends (about double the thickness of the rest of the hose) without a metal spiral, which allow the hose to be secured using hose clamps.

Supplied with hooks and/or suspension rings or rings on the circumference to maintain the circumference.

The conveyed fluid (gas state) does not come into contact with the metal spiral.

Inside of the pipe practically smooth, therefore reduced pressure losses.

This type of tube is produced by stitching technical fabric, which is why they have a high mechanical resistance to traction, superior to welded or seamed tubes.



Mastertubi.it/q?777

### Curvature radius equal to the internal diameter x 0.70

Operating temperature: **-60° +300°C**

Color: Grey, yellow outer ribbon

Diameters: From 102 mm to 1,200 mm

Lengths: On request

Spiral pitch on request from 50 to 150 mm

| Diameter internal | Step of the spiral | Operating depression (max) | Pressure of exercise (max ) |
|-------------------|--------------------|----------------------------|-----------------------------|
| (mm)              | (mm)               | mmWS / mmWG                | KPa                         |
| 102               | 50 ÷ 150           | 500                        | 3,000                       |
| 127               | 50 ÷ 150           | 500                        | 3,000                       |
| 152               | 50 ÷ 150           | 500                        | 3,000                       |
| 160               | 50 ÷ 150           | 500                        | 3,000                       |
| 178               | 50 ÷ 150           | 500                        | 2,750                       |
| 203               | 50 ÷ 150           | 500                        | 2,750                       |
| 220               | 50 ÷ 150           | 450                        | 2,750                       |
| 229               | 50 ÷ 150           | 450                        | 2,750                       |
| 254               | 50 ÷ 150           | 450                        | 2,250                       |
| 305               | 50 ÷ 150           | 450                        | 1,750                       |
| 356               | 50 ÷ 150           | 425                        | 1,500                       |
| 380               | 50 ÷ 150           | 425                        | 1,300                       |
| 407               | 50 ÷ 150           | 425                        | 1,250                       |

|      |               |     |       |
|------|---------------|-----|-------|
| 425  | $50 \div 150$ | 400 | 1,200 |
| 457  | $50 \div 150$ | 380 | 1,100 |
| 5085 | $50 \div 150$ | 380 | 1,000 |
| 525  | $50 \div 150$ | 350 | 1,000 |
| 600  | $50 \div 150$ | 350 | 0.850 |
| 760  | $50 \div 150$ | 300 | 0.750 |