



P8-S ISO

Flexible hose made of a double layer of neoprene-coated fiberglass fabric, embedded copper steel wire helix and external double fiberglass cord, with melamine insulation and external black neoprene anti-steam sheath.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

| COLOR | LENGTH | WORKING TEMPERATURE | PRODUCTION DIAMETERS | AXIAL COMPRESSIBILITY | COMPLIANT TO FLAME RETARDANT STANDARDS |
|-------|---------------|----------------------------|----------------------|-----------------------|--|
| Black | 3 m. standard | -55°C +130°C (peak +150°C) | from 25 to 254 mm | 30% | Class M1 (UNE 23723-90) CL V-0 (UL94) |

PRODUCTION DIAMETERS

| | | | | | | | | | | | | | | | | | |
|----|----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|----|----|----|----|----|----|
| 25 | 30 | 32 | 35 | 38 | 39 | 41 | 44 | 45 | 51 | 55 | 57 | 60 | 63 | 64 | 70 | 80 | 83 |
| 89 | 95 | 102 | 114 | 120 | 127 | 140 | 152** | 160** | 178** | 203** | 254** | | | | | | |

**Hoses produced with a double layer of melamine.
Diameters other than those indicated are available by prior feasibility check.

MAIN APPLICATIONS

Industrial suction and ventilation. Cooling of electronic equipments and ship machine rooms. Diesel air suction and motor vehicle heating.

MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

TECHNICAL DATA

| DIAMETERS | OPERATING PRESSURE | OPERATING VACUUM | INSIDE CURVATURE RADIUS | WEIGHT |
|-----------|--------------------|-----------------------|-------------------------|--------|
| [mm] | [bar] | [mm H ₂ O] | [mm] | [gr/m] |
| 38 | 2,60 | 6000 | 18 | 415 |
| 51 | 2,60 | 5200 | 24 | 490 |
| 63 | 2,40 | 4600 | 31 | 655 |
| 76 | 2,20 | 4300 | 38 | 760 |
| 89 | 2,00 | 4000 | 44 | 920 |
| 95 | 1,90 | 3700 | 49 | 970 |

| DIAMETERS | OPERATING PRESSURE | OPERATING VACUUM | INSIDE CURVATURE RADIUS | WEIGHT |
|-----------|--------------------|-----------------------|-------------------------|--------|
| [mm] | [bar] | [mm H ₂ O] | [mm] | [gr/m] |
| 102 | 1,90 | 3500 | 52 | 1020 |
| 114 | 1,50 | 3000 | 60 | 1105 |
| 127 | 1,40 | 2400 | 69 | 1225 |
| 152 | 1,20 | 1700 | 75 | 1630 |
| 180 | 1,00 | 1200 | 90 | 1910 |
| 203 | 0,70 | 900 | 101 | 2130 |
| 254 | 0,50 | 700 | 150 | 2735 |

The control pressure (expressed in bar*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar*) is equal to the operating pressure by 3. Data given in this table are approximate. * Pressure and vacuum data based on +20°C room temperature.

GREEN BUILDING

Thanks also to the support of GreenMap, products manufactured by Tecnica srl contribute to obtain the credits of the major international rating systems for sustainable buildings:



LEED

Contributes to credits:
MR



WELL

Contributes to credits:
MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

APPLICATIONS

| | | | | | | | | |
|--------------------|-----------------|---------------------|-----------|---------------------|-----------------|----------|-----------|-----------------|
| | | | | | | | | |
| OEM | Smooth Surface | Working Temperature | Easy pack | Self-extinguishing* | Tear Resistance | Industry | Transport | Extractor Hoods |
| | | | | | | | | |
| High temp. Suction | CMV Mech. Means | | | | | | | |

*on request