

# MASTER-CLIP CAR

Ref 000294

Medium and high temperature hose for temperatures up to +300°C



Hydrolysis resistant

Microbe resistant

Compressible

Very flexible

Light

Moderate

-60 to +300 °C

## CONSTRUCTION & MATERIALS

- Type of construction: spiral hose with clamping profile
- Design of the helix: metal band, formed as a clamping profile
- Material of the helix: steel strip, hot-dip galvanised
- Design of the external spiral: designed as an additional protective profile
- Execution of the wall: coated / coating with heat stabilisers
- Material of the wall: high temperature fabric
- Specifications of the wall: flame retardant

## PROPERTIES

- Chemical Properties: good resistance to chemicals / weather-resistant
- Mechanical Properties: compressible approx. 1:6
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant / pressure resistance depending on design, not recommended for overpressure applications
- Colour: silver-grey inside, green-grey outside

## TEMPERATURE

- Temperature Range: -60 to 300 °C
- short-term maximum temperature: peaks to 300 °C exhaust gas temperature (peaks to 350 °C), for proper use exhaust gas funnels are required and a sufficient supply of fresh air (approx. 50% related to the maximum specified temperature)

## APPLICATIONS & INDUSTRIES

Automotive / Industry / aviation technology / Ventilation & Air-conditioning / Sea & Rail transport / Food & Pharma / Printing & Paper / Vehicle Construction / Metal & Toolmaking

### VARIANT SPECIFICATIONS

40 sizes · DN 38 to 900 mm

| Article no.  | DN (mm) | Bend radius (mm) | Weight (kg/m) | Working press. (bar) | Vacuum (bar) |
|--------------|---------|------------------|---------------|----------------------|--------------|
| 000294:38:x  | 38      | 23               | 0.50          | 0.94                 | 0.36         |
| 000294:40:x  | 40      | 24               | 0.50          | 0.93                 | 0.35         |
| 000294:45:x  | 45      | 27               | 0.50          | 0.92                 | 0.33         |
| 000294:50:x  | 50      | 30               | 0.50          | 0.90                 | 0.31         |
| 000294:55:x  | 55      | 33               | 0.60          | 0.85                 | 0.26         |
| 000294:60:x  | 60      | 36               | 0.60          | 0.78                 | 0.22         |
| 000294:65:x  | 65      | 39               | 0.70          | 0.68                 | 0.19         |
| 000294:70:x  | 70      | 42               | 0.70          | 0.67                 | 0.16         |
| 000294:75:x  | 75      | 45               | 0.80          | 0.62                 | 0.14         |
| 000294:80:x  | 80      | 48               | 0.80          | 0.61                 | 0.12         |
| 000294:90:x  | 90      | 54               | 0.80          | 0.56                 | 0.10         |
| 000294:100:x | 100     | 60               | 0.90          | 0.51                 | 0.08         |
| 000294:110:x | 110     | 66               | 0.90          | 0.48                 | 0.07         |
| 000294:120:x | 120     | 72               | 1.00          | 0.36                 | 0.06         |
| 000294:125:x | 125     | 75               | 1.00          | 0.33                 | 0.05         |
| 000294:130:x | 130     | 78               | 1.10          | 0.28                 | 0.05         |
| 000294:140:x | 140     | 84               | 1.10          | 0.25                 | 0.04         |
| 000294:150:x | 150     | 90               | 1.20          | 0.22                 | 0.04         |
| 000294:160:x | 160     | 96               | 1.20          | 0.21                 | 0.03         |
| 000294:170:x | 170     | 102              | 1.30          | 0.19                 | 0.03         |
| 000294:175:x | 175     | 105              | 1.40          | 0.19                 | 0.03         |
| 000294:180:x | 180     | 126              | 1.40          | 0.17                 | 0.02         |
| 000294:200:x | 200     | 140              | 1.60          | 0.15                 | 0.02         |
| 000294:215:x | 215     | 151              | 1.70          | 0.13                 | 0.02         |
| 000294:225:x | 225     | 158              | 1.80          | 0.12                 | 0.02         |
| 000294:250:x | 250     | 175              | 2.00          | 0.10                 | 0.01         |
| 000294:275:x | 275     | 193              | 2.10          | 0.08                 | 0.01         |
| 000294:300:x | 300     | 210              | 2.20          | 0.07                 | 0.01         |
| 000294:315:x | 315     | 221              | 2.20          | 0.06                 | 0.01         |
| 000294:325:x | 325     | 228              | 2.30          | 0.06                 | 0.01         |
| 000294:350:x | 350     | 245              | 2.60          | 0.06                 | 0.01         |
| 000294:375:x | 375     | 300              | 2.90          | 0.05                 | 0.01         |
| 000294:400:x | 400     | 320              | 3.10          | 0.05                 | 0.01         |
| 000294:450:x | 450     | 360              | 3.60          | 0.05                 | 0.01         |
| 000294:500:x | 500     | 400              | 4.10          | 0.04                 | 0.01         |
| 000294:550:x | 550     | 440              | 4.60          | 0.04                 | 0.01         |
| 000294:600:x | 600     | 480              | 5.10          | 0.04                 | 0.01         |
| 000294:700:x | 700     | 560              | 6.00          | 0.03                 | 0.01         |
| 000294:800:x | 800     | 640              | 6.90          | 0.02                 | 0.01         |
| 000294:900:x | 900     | 720              | 7.80          | 0.02                 | 0.01         |

Lengths. Supplied in standard stock lengths — see [flex-appeal.co.uk](https://flex-appeal.co.uk) for available sizes.