

# MASTER-CLIP PTFE

Ref 000354

Suction and blower hose for corrosive media up to +250°C



Hydrolysis resistant

Microbe resistant

Flame-retardant

Compressible

Very flexible

Moderately pressure resistant

-150 to +250 °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 / PTFE coating
- Material of the wall: glass fibre fabric

## PROPERTIES

- Chemical Properties: good resistance to chemicals / weather-resistant
- Mechanical Properties: compressible approx. 1:6
- Flexibility: very flexible
- Physical Properties: cold-resistant
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Other: the material PTFE is harmless to health / optimal transport of media because the inside of the hose wall is anti-adhesive

## TEMPERATURE

- Temperature Range: -150 to 250 °C
- short-term maximum temperature: peaks to 270 °C

## APPLICATIONS & INDUSTRIES

Plant & Mechanical Engineering / Industry / Ventilation & Air-conditioning / Chemistry / Surface Technology / Plastics

## VARIANT SPECIFICATIONS

38 sizes · DN 45 to 900 mm

| Article no.  | DN (mm) | Bend radius (mm) | Weight (kg/m) | Working press. (bar) | Vacuum (bar) |
|--------------|---------|------------------|---------------|----------------------|--------------|
| 000354:45:x  | 45      | 27               | 0.40          | 0.87                 | 0.33         |
| 000354:50:x  | 50      | 30               | 0.40          | 0.85                 | 0.31         |
| 000354:55:x  | 55      | 33               | 0.40          | 0.78                 | 0.26         |
| 000354:60:x  | 60      | 36               | 0.50          | 0.68                 | 0.22         |
| 000354:65:x  | 65      | 39               | 0.50          | 0.59                 | 0.19         |
| 000354:70:x  | 70      | 42               | 0.50          | 0.53                 | 0.16         |
| 000354:75:x  | 75      | 45               | 0.60          | 0.47                 | 0.14         |
| 000354:80:x  | 80      | 48               | 0.60          | 0.43                 | 0.12         |
| 000354:90:x  | 90      | 54               | 0.60          | 0.36                 | 0.10         |
| 000354:100:x | 100     | 60               | 0.60          | 0.30                 | 0.08         |
| 000354:110:x | 110     | 66               | 0.60          | 0.26                 | 0.07         |
| 000354:120:x | 120     | 72               | 0.70          | 0.22                 | 0.06         |
| 000354:125:x | 125     | 75               | 0.70          | 0.21                 | 0.05         |
| 000354:130:x | 130     | 78               | 0.70          | 0.20                 | 0.05         |
| 000354:140:x | 140     | 84               | 0.80          | 0.18                 | 0.04         |
| 000354:150:x | 150     | 90               | 0.80          | 0.16                 | 0.04         |
| 000354:160:x | 160     | 96               | 0.90          | 0.14                 | 0.03         |
| 000354:170:x | 170     | 102              | 0.90          | 0.13                 | 0.03         |
| 000354:175:x | 175     | 105              | 1.00          | 0.12                 | 0.03         |
| 000354:180:x | 180     | 108              | 1.00          | 0.12                 | 0.02         |
| 000354:200:x | 200     | 120              | 1.10          | 0.10                 | 0.02         |
| 000354:215:x | 215     | 151              | 1.20          | 0.09                 | 0.02         |
| 000354:225:x | 225     | 158              | 1.30          | 0.08                 | 0.02         |
| 000354:250:x | 250     | 175              | 1.40          | 0.07                 | 0.01         |
| 000354:275:x | 275     | 193              | 1.70          | 0.06                 | 0.01         |
| 000354:300:x | 300     | 210              | 1.90          | 0.05                 | 0.01         |
| 000354:315:x | 315     | 221              | 2.00          | 0.05                 | 0.01         |
| 000354:325:x | 325     | 228              | 2.10          | 0.05                 | 0.01         |
| 000354:350:x | 350     | 245              | 2.30          | 0.04                 | 0.01         |
| 000354:375:x | 375     | 263              | 2.70          | 0.04                 | 0.01         |
| 000354:400:x | 400     | 280              | 2.90          | 0.03                 | 0.01         |
| 000354:450:x | 450     | 360              | 3.50          | 0.03                 | 0.01         |
| 000354:500:x | 500     | 400              | 3.90          | 0.02                 | 0.01         |
| 000354:550:x | 550     | 440              | 4.40          | 0.02                 | 0.01         |
| 000354:600:x | 600     | 480              | 4.90          | 0.02                 | 0.01         |
| 000354:700:x | 700     | 560              | 5.80          | 0.01                 | 0.01         |
| 000354:800:x | 800     | 640              | 6.70          | 0.01                 | 0.01         |
| 000354:900:x | 900     | 720              | 7.60          | 0.01                 | 0.01         |

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