

# Specifications DN-2.0 + DN-5.0

REFFLEX® hoses



REFFLEX® is the most sophisticated system of flexible tubing, having excellent mechanical and thermal properties combined with a very high flexibility. It is suitable for all non-corrosive refrigerants including natural gases and the relevant special oils such as ester- and PAG.

**Available hoses:** "DN-2.0mm, DN-5.0mm, DN-5.0mm HP CO2, DN-5.0mm HP PTFE"  
**Available fittings** "R2, H2, R3, H3, S6, TP, Cu6, Cu10"

- **R2:** Straight 1/4" SAE FL (7/16" UNF)
- **H2:** Elbow 1/4" SAE FL (7/16" UNF)
- **R3:** Straight 3/8" SAE FL (5/8" UNF)
- **H3:** Elbow 3/8" SAE FL (5/8" UNF)
- **S6:** Plain steel tube 6 mm for use with compression fitting
- **TP:** Tee pieces (3x hose, 2x hose + 1/4" FL middle, + 2x hose 1/4" FL side)
- **Cu6 / Cu10:** Copper tube 6mm or 10mm OD

## REFFLEX DN-2.0mm

### Refrigerants:

- All HFC/HFO, HC and CO2 Subcritical

### Pressure and temperature:

- Suitable at -40°C/115°C
- PS max = 80 bar
- Very high burst proof value (at 20° C) > 450 bar

### Fittings:

- R2, H2, TP, Cu6, Cu10

### Available colours:

- Grey
- Black
- Red
- Blue
- Yellow

### Additional specifications:

- Core material: Polaymid 6 (Nylon)
- Inside diameter 2.0mm
- DIN EN 1736 Class 2

## REFFLEX DN-5.0mm

### Refrigerants:

- All HFC/HFO, HC and CO2 Subcritical

### Pressure and temperature:

- Suitable at -40°C/115°C
- PS max = 80 bar
- Very high burst proof value (at 20° C) > 400 bar

### Fittings:

- R2, R3, H2, H3, S6

### Available colours:

- Black
- Red
- Blue

### Additional specifications:

- Core material: Polaymid 6 (Nylon)
- Inside diameter 5.0mm
- DIN EN 1736 Class 2

## REFFLEX DN-5.0 HP CO2

### Refrigerants:

- CO2 Transcritical
- CO2 Subcritical

### Pressure and temperature:

- Suitable at -40°C/130°C
- PS max = 130 bar
- Very high burst proof value (at 20° C) > 600 bar

### Fittings:

- R2, H2, S6

### Available colours:

- Green
- Black

### Additional specifications:

- Core material: Polaymid 6.12 (Heat resistant Nylon)
- Reinforced with Aramid, high-tensile fibre.
- Inside diameter 5.0mm
- DIN EN 1736 Class 2

## REFFLEX DN-5.0 HP PTFE

### Refrigerants:

- NH3
- CO2 Transcritical
- CO2 Subcritical

### Pressure and temperature:

- Suitable at -40°C/130°C
- PS max = 160 bar
- Very high burst proof value (at 20° C) > 600 bar

### Fittings:

- R2, H2, S6

### Available colours:

- Grey (stainless steel braid)

### Additional specifications:

- Core material: Pure PTFE (Teflon)
- Reinforced with single layer AISI-314 wired
- Inside diameter 5.0mm
- DIN EN 1736 Class 2

# The Flexible Connection



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