



QUADRA DN4

Flexible thermoplastic capillary hose with 4mm internal diameter

| | |
|--------------------------|---|
| INNER TUBE | Thermoplastic polymer |
| REINFORCEMENT | Polyester braid of high tensile strength with high modulus |
| COVER | Thermoplastic polymer – orange or black – laser branding |
| APPLICATIONS | Connection of pressure gauges, pressure switches and pressure test points |
| FEATURES | Light – Flexible – Compact – Vibration absorber |
| TEMPERATURE RANGE | -45 °C to +130 °C (-49 °F to +266 °F) |



Technical Features

HOSE DIAMETERS



| | mm | inch |
|--------------------------------|----------------------|--------------------------------|
| Bend radius | 25 | 0.984 |
| Hydraulic Plier Crimping Diam. | 9,8 -0,1 9,8 +0,2 | 0.386 -0.0039 0.386 +0.0078 |
| Electric Plier Crimping Diam. | 9,8 -0,1 9,8 +0,2 | 0.386 -0.0039 0.386 +0.0078 |

| | min | max | min | max |
|----|-------|--------|-------|--------|
| WT | -45°C | +130°C | -49°F | +266°F |

| | Bar | MPa | Psi |
|----|-----|------|------|
| WP | 120 | 12.0 | 1740 |
| BP | 600 | 60 | 8700 |

Permitted Fluids

| Type of gas | Type of oil |
|---|--|
| HFO/HFC (R134a, R404A, R407A, R407B, R407C, R410A, R507, R32, R448A, R449A, R450A, R513A, R1234yf, R1234ze) | polyol ester based |
| HCFC (R22) | mineral oils |
| CO ₂ | polyol ester based |
| NH ₃ - Ammonia | Mineral Oils and Polyalphaolefin (PAO) |

Use only inox ferrules and fittings

Classification of QUADRA capillary hoses

| Part no. | |
|----------|--|
| 0789C | |
| 0789BC | Classification according to Directive 2014/68/UE paragraph 3 article 4 |
| 0789K | |
| 0789BK | |

SEE FULL SPECS







QUADRA DN4


Flexible thermoplastic capillary hose with 4mm internal diameter



Hose

| Part no. | Color | Pack | Description |
|----------|---|------|-------------------------------------|
| 0789C |  | 50m | Orange UL approved hose in 50m coil |
| 0789BC |  | 50m | Black UL approved hose in 50m coil |
| 0789K |  | 10m | Orange UL approved hose in 10m coil |
| 0789BK |  | 10m | Black UL approved hose in 10m coil |

 Orange

 Orange UL Approved

 Black

 Black UL Approved

SEE FULL SPECS



QUADRA DN4 FITTINGS

Flexible thermoplastic capillary hose with 4mm internal diameter

UL
1/4 SAE straight female DN4

| Part number | Item | Copper Gasket |
|---------------|----------------|---------------|
| XBA02M | 50 pcs box | |
| WBA02M | 50 pcs box | |
| KBA02M | 10 pcs Blister | |

1/4 SAE straight female + valve opener DN4

| Part number | Item | Copper Gasket |
|---------------|----------------|---------------|
| XBB22M | 50 pcs box | |
| WBB22M | 50 pcs box | |
| KBB22M | 10 pcs Blister | |

3/8 SAE straight female DN4

| Part number | Item | Copper Gasket |
|---------------|----------------|---------------|
| XBA04M | 50 pcs box | |
| WBA04M | 50 pcs box | |
| KBA04M | 10 pcs Blister | |

UL
1/4 SAE elbow female 90° DN4

| Part number | Item | Copper Gasket |
|---------------|----------------|---------------|
| XCA02M | 50 pcs box | |
| WCA02M | 50 pcs box | |
| KCA02M | 10 pcs Blister | |

UL
3/8 SAE elbow female 90° DN4

| Part number | Item | Copper Gasket |
|---------------|----------------|---------------|
| XCA04M | 50 pcs box | |
| WCA04M | 50 pcs box | |
| KCA04M | 10 pcs Blister | |

"T" fitting DN4

| Part number | Item | Copper Gasket |
|---------------|----------------|---------------|
| WPB0M1 | 50 pcs box | |
| KPB0M1 | 10 pcs Blister | |

"T" fitting with 1 female 1/4 SAE DN4

| Part number | Item | Copper Gasket |
|---------------|----------------|---------------|
| XPB2M4 | 50 pcs box | |
| WPB2M4 | 50 pcs box | |
| KPB2M4 | 10 pcs Blister | |


"T" fitting with 1 female 3/8 SAE DN4

| Part number | Item | Copper Gasket |
|---------------|----------------|---------------|
| XPB2M2 | 50 pcs box | |
| WPB2M2 | 50 pcs box | |
| KPB2M2 | 10 pcs Blister | |

1/4 SAE straight male DN4

| Part number | Item | Copper Gasket |
|---------------|----------------|---------------|
| WDN22M | 50 pcs box | |
| KDN22M | 10 pcs Blister | |

Note:



Do not move or rotate the hose after installation to avoid unscrewing of the nut or damaging the fitting. Do not exceed maximum performance limits. Respect the nut torque value: - Torque wrench 14 7/16"-20 UNF for 1/4" SAE connections | 16 ÷ 18 N·m. Do not exceed 20 N·m - Torque wrench 22 5/8"-18 UNF for 3/8" SAE connections | 30 ÷ 32 N·m. Do not exceed 34 N·m.

Copper brazing fitting (4x6x100 mm) DN4

| Part number | Item | Copper Gasket |
|---------------|------------|---------------|
| WZE2M1 | 50 pcs box | |

SEE FULL SPECS

QUADRA DN4 ACCESSORIES

Flexible thermoplastic capillary hose with 4mm internal diameter



Quadra case



| Part num. | | Item |
|-----------|-------|-------|
| MR293 | Empty | 1 pcs |

Electric pliers

DN2 DN4 DN6



| Part num. | | Item |
|-----------|-------------------------|-------|
| RXA011 | Basic | 1 pcs |
| RXA012 | Extra battery + docking | 1 pcs |

Hydraulic pliers

DN4 DN6



| Part num. | | Item |
|-----------|------------------|-------|
| RXA005 | Hydraulic pliers | 1 pcs |

Accessories

DN2 DN4 DN6

| Part num. | | Item |
|-----------|------------------------|--------|
| WTD221 | Removable valve opener | 50 pcs |
| WRP502 | Copper gasket 1/4 | 50 pcs |
| WRP504 | Copper gasket 3/8 | 50 pcs |

Cutter

DN2 DN4 DN6



| Part num. | | Item |
|-----------|--------|---------------|
| WXA004 | Cutter | 1 pcs |
| WXB004 | Blades | 2 pcs Blister |

SEE FULL SPECS



QUADRA DN4 ASSEMBLED

Flexible thermoplastic capillary hose with 4mm internal diameter

Assembled hose in bundles of 50 pieces

Part number, hose color and compliancy

XXX is total length of QUADRA hose in cm (multiple lengths of 10 cm)

 Orange

 Orange UL Approved

 Black

 Black UL Approved

Part no.

**Straight female 1/4
+ Straight female 1/4**





 CAFXXX
CRUUS UL Approved

 CCGXXX
CRUUS UL Approved

**Straight female 1/4
+ Straight female 1/4 + Valve Opener**




 CHVXXX

 CHWXXX

**Straight female 1/4
+ Straight female 3/8**




 CCMXXX

 CCNXXX

**Straight female 1/4
+ Elbow female 90° 1/4**



 CAGXXX
CRUUS UL Approved

 CCHXXX
CRUUS UL Approved

**Straight female 1/4
+ Elbow female 90° 3/8**





 CDSXXX
CRUUS UL Approved

 CDWXXX
CRUUS UL Approved

Straight Female 1/4 + Male 1/4





 CIRXXX

 CISXXX

**Straight female 1/4
+ Copper brazing tube**




 CHBXXX

 CHCXXX

**Straight Female 1/4 + Straight Female
1/4 (all with Valve Opener)**




 CHZXXX

 CIAXXX

**Straight Female 1/4 (Valve Opener)
+ 3/8 Straight Female**



 CIFXXX

 CIGXXX

**Straight Female 1/4 (Valve Opener)
+ Elbow Female 1/4**



 CIBXXX

 CICXXX

SEE FULL SPECS



QUADRA DN4 ASSEMBLED

Flexible thermoplastic capillary hose with 4mm internal diameter

Assembled hose in bundles of 50 pieces

Part number, hose color and compliancy

XXX is total length of QUADRA hose in cm (multiple lengths of 10 cm)

 Orange

 Orange UL Approved


 Black

 Black UL Approved

Part no.

**Straight Female 1/4 (Valve Opener)+
Elbow Female 3/8**




 CIDXXX

 CIEXXX

**Straight Female 1/4 (Valve Opener)+
Copper Brazing Tube**




 CHXXX

 CHYXXX

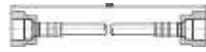
**Straight Female 1/4 (Valve Opener)+
Copper Brazing Tube**





 CIHXXX

 CIIXXX

**Straight Female 3/8 + Straight
Female 3/8**




 CCKXXX

 CCLXXX

**Elbow Female 1/4 + Straight Female
3/8**




 CCPXXX

 CCQXXX

**Elbow Female 90° 1/4 + Elbow
Female 90° 1/4**



 CAHXXX
CRUUS UL Approved

 CCIXXX
CRUUS UL Approved

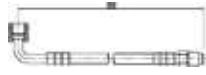
**Elbow female 90° 1/4 + Elbow
Female 90° 3/8**



 CDTXXX
CRUUS UL Approved

 CDXXXX
CRUUS UL Approved

**Elbow female 90° 1/4 + Elbow
Female 90° 3/8**




 CIJXXX

 CIKXXX

**Elbow female 90° 1/4 + Copper
brazing tube**



 CHFXXX

 CHGXXX

**Straight female 3/8 + Elbow female
90° 3/8**



 CDRXXX

 CDVXXX

SEE FULL SPECS

QUADRA DN4 ASSEMBLED

Flexible thermoplastic capillary hose with 4mm internal diameter



Assembled hose in bundles of 50 pieces

Part number, hose color and compliancy

XXX is total length of QUADRA hose in cm (multiple lengths of 10 cm)

 Orange

 Orange UL Approved


 Black


 Black UL Approved

Part no.

**Staright female 3/8
+ Copper Brazing Tube**




 CHDXXX

 CHEXXX

**Elbow female 90° 3/8
+ Elbow female 90° 3/8**




 CDUXXX
CRUUS UL Approved

 CDYXXX
CRUUS UL Approved

Elbow Female 90° 3/8 + Male 1/4





 CILXXX

 CIMXXX

**Elbow Female 90° 3/8
+ Copper Brazing Tube**




 CHHXXX

 CHIXXX

Male 1/4 + male 1/4




 CINXXX

 CIOXXX

Male 1/4 + Copper brazing tube




 CIPXXX

 CIQXXX

**Copper brazing tube
+ Copper brazing tube**



 CHJXXX

 CHKXXX