# 2040N – Multi purpose hose

**Performance exceeds DIN EN 853-1SN, DNV approved**



**Main features**

- **Excellent chemical resistance due to polyamide core tube**
- Excellent abrasion resistance
- Small bend radii
- Steel wire pressure reinforcement

**Applications**

High pressure service for general industrial and mobile hydraulic applications, especially when an **improved chemical resistance** is required with some hydraulic/chemical fluids. Usable **for a wide variety of fluids** due to the polyamide core tube. The polyamide cover resists aggressive fluids such as **refrigerants** in machine tools or when used in oil tanks.

**Construction**

**Core tube** : Polyamide
**Pressure reinforcement** : One braided layer of high tensile steel wire

**Cover** : V00: polyurethane
**Colour** : black

**Temperature range**

-40°C up to +100°C for petroleum or synthetic hydraulic fluids.



| Part No. # | DN | size | mm | inch | mm | Max. working pressure MPa / psi | | Min. burst pressure MPa / psi | | Min. bend radius mm | Weight kg/m | Fittings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2040N-02V00** | 3 | -02 | 3.2 | 1/8 | 7.0 | 35.0 | 5,075 | 140.0 | 20,300 | 30 | 0.07 | PX |
| **2040N-03V00** | 5 | -03 | 4.7 | 3/16 | 9.8 | 34.0 | 4,930 | 136.0 | 19,720 | 30 | 0.11 | 56/PX |
| **2040N-04V00** | 6 | -04 | 6.3 | 1/4 | 11.9 | 31.0 | 4,495 | 124.0 | 17,980 | 40 | 0.16 | 56/PX |
| **2040N-05V00** | 8 | -05 | 8.2 | 5/16 | 14.0 | 25.0 | 3,625 | 100.0 | 14,500 | 50 | 0.21 | 56/PX |
| **2040N-06V00** | 10 | -06 | 9.7 | 3/8 | 15.9 | 24.0 | 3,480 | 96.0 | 13,920 | 60 | 0.24 | 56/PX |
| **2040N-08V00** | 12 | -08 | 12.8 | 1/2 | 19.3 | 18.5 | 2,680 | 74.0 | 10,730 | 75 | 0.29 | 56/PX |
| **2040N-10V00** | 16 | -10 | 16.0 | 5/8 | 23.5 | 14.0 | 2,030 | 56.0 | 8,120 | 110 | 0.39 | PX |
| **2040N-12V00** | 20 | -12 | 19.4 | 3/4 | 26.7 | 12.5 | 1,810 | 50.0 | 7,250 | 170 | 0.50 | PX |
| **2040N-16V00** | 25 | -16 | 25.0 | 1 | 33.5 | 10.0 | 1,450 | 40.0 | 5,800 | 230 | 0.60 | PX |

Also available as twinline or multiline hose

Sizes -03, -04, and -06 also available with blue cover; please change Part No. to: **2040N-03V02, 2040N-04V02**, or **2040N-06V02**

**Notes**

- 2040N with DNV approval for hydraulic systems.
- For pinpricked hose please add "-P", e.g. **2040N-02V00-P.**
- In version V00 also available as twinline or multiline hose, see page XVI.

# 2040N – Hose for pre-pressurisation lines in beverage dispensing equipment



**MAIN FEATURES**

- SK approval
- Excellent abrasion resistance
- Small bend radii

**APPLICATIONS**

Pre-pressurisation lines for carbon dioxide, nitrogen and carbon dioxide - nitrogen mixtures in beverage dispensing equipment.

**CONSTRUCTION**

**Core tube** : Polyamide, with SK approval
**Pressure reinforcement** : One braided layer of high tensile steel wire

**Cover** : Polyurethane, pinpricked
**Colour** : 2040N-04V74: black, 2040N-04V78: grey

**TEMPERATURE RANGE**

–40 °C up to +100 °C

| Part No. # | DN | size mm | | inch | mm | Max. working pressure MPa / psi | | Min. burst pressure MPa / psi | | Min. bend radius mm | Weight kg/m | Fittings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2040N-04V74-P** | 6 | -04 | 6.3 | 1/4 | 11.9 | 25.0 | 3,626 | 124.0 | 17,980 | 40 | 0.16 | PX |
| **2040N-04V78-P** | 6 | -04 | 6.3 | 1/4 | 11.9 | 25.0 | 3,626 | 124.0 | 17,980 | 40 | 0.16 | PX |

**NOTES**

Also available as twinline or multiline hose, see page XVI.