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.