

ABRASION-RESISTANT

NIPLAFLEX

Heavy-duty NBR/PU/PVC multi-purpose hose, 25 bar PN, weather and UV-resistant



NIPLAFLEX is a heavy-duty multi-purpose hose with NBR/PU/PVC lining and NBR/PVC outer cover. PN 25 bar working pressure and 75 bar burst pressure make the hose well-suited to high-pressure compressed air, acid and base distribution and heavy-duty industrial applications. Weather, UV and ozone resistance ensure long-term outdoor stability, and the wide media portfolio (air, water, oil, acids, bases) makes the hose a standard solution where a single hose must handle multiple different media.

Media: Gas, Liquid

Temp: -20 °C to 70 °C

✓ Cut to length

APPLICATIONS

- High-pressure compressed air distribution (up to 25 bar)
- Oil and fuel handling at moderate pressures
- Acid and base distribution in chemical production
- Water and irrigation applications in agriculture
- Compressed air for pneumatic tools and compressor systems
- Multi-purpose installations where a single hose must handle multiple media

Technical specifications

Material	Inner: NBR/PU/PVC blend. Outer: NBR/PVC blend (smooth)
Colour	black
Wall construction	Smooth inner NBR/PU/PVC lining, smooth outer NBR/PVC coating with polyester textile plies
Spiral material	Polyester-tekstil-plies
Conveying media	Gas, Liquid
Temperature range	-20 °C – 70 °C
Short-term peak	70 °C
Cut to length	Yes
Manufacturer SKU	3240

Standards and compliance

EN ISO 1307:2008, REACH, RoHS

Dimensions and ordering

The hose is supplied in 7 standard sizes from inner Ø 6.0 mm to 25.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Wall th. [mm]	Press. DIN [bar]	Burst [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
6	12	3	25	75	40	100	0.115	100	3240006000
8	15	3.5	25	75	50	100	0.17	100	3240008000
9	16	3.5	25	75	55	100	0.185	100	3240009000
10	17	3.5	25	75	60	100	0.2	100	3240010000
13	21	4	25	75	80	100	0.28	100	3240013000
19	28	4.5	25	75	110	50	0.45	50	3240019000
25	36	5.5	25	75	160	50	0.715	50	3240025000

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. Bend radius is measured along the inside of the hose bend.

Other Particulair microsities

We build specialised microsities for critical industries. Each site provides in-depth product data, documentation and expert guidance for the domain it covers.

particulair.eu/ex-vac	ATEX and ACD vacuum cleaners for explosion hazard zones
particulair.eu/vace	Nozzles and accessories for critical environments
particulair.eu/life-science	Vacuums for pharma and cleanroom
particulair.eu/hardo	Explosion-protected electrical Ex-equipment

Contact and advisory

Particulair

Højtoften 12
2690 Karlslunde, Denmark
CVR: 34129894

Phone: (+45) 70 23 12 03
E-mail: sales@particulair.com
Web: particulair.eu

Product page: particulair.eu/flexcore/en/abrasive/niplaflex/

SMARTER THINKING • BETTER WORKING

This datasheet is generated automatically from Particulair product data. All specifications are taken from the manufacturer's factsheet and are subject to change without notice. Prices and availability provided on request.