

Ci Stainless Hoses

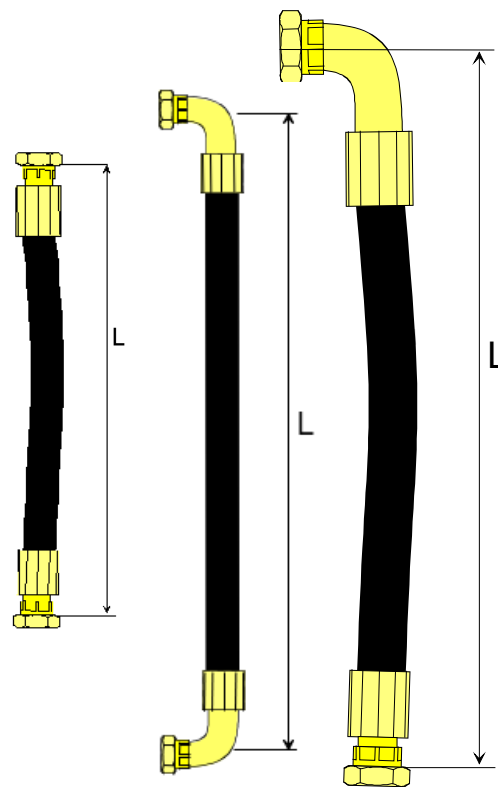
Item numbers covered by this datasheet

- 303102-44 Hose DN10-400 0.5m 0+90° AISI316
- 303104-44 Hose DN10-400 1.0m 0+90° AISI316
- 303106-44 Hose DN10-400 1.5m 0+90° AISI316
- 303108-44 Hose DN10-400 2.0m 0+90° AISI316
- 303111-44 Hose DN10-400 3.0m 0+90° AISI316
- 303112-44 Hose DN10-400 3.5m 0+90° AISI316

- 303172-44 Hose DN6-400 0.28m Straight AISI316
- 205064-44 Hose DN6-400 0.40m Straight AISI316
- 303180-44 Hose DN6-400 0.50m Straight AISI316
- 205063-44 Hose DN6-400 1.0m Straight AISI316
- 303178-44 Hose DN6-400 1.5m Straight AISI316
- 303179-44 Hose DN6-400 3.0m Straight AISI316
- 303181-44 Hose DN6-400 3.5m Straight AISI316

- 303155-44 Hose DN6-400 0.35m 2x90° AISI316
- 303154-44 Hose DN6-400 0.45m 2x90° AISI316

- 303156-44 Hose DN6-400 0.70m 0+90° AISI316
- 303157-44 Hose DN6-400 1.0m 0+90° AISI316
- 303158-44 Hose DN6-400 2.0m 0+90° AISI316
- 303183-44 Hose DN6-400 3.0m 0+90° AISI316



Straight 2x90° 0+90°

General

The DN10 pressure hose is used for connection between the discharge valve and the manifold and is approved as a type 1 connector in accordance with EN12094-8.

The DN6 pressure hose is used for pilot lines and is approved as a type 3 connector.

The hose is used in the Control Inert system, SV systems and older INERGEN systems.

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Vølundsvej 17
DK- 3400 Hillerød
Tel +45 7022 2769
Fax +45 7023 2769

Specifications

	DN10	DN6
Fittings:		
Type:	Straight union type with 60° face Elbow 90° union with 60° face	
Thread:	ISO228 3/8"	ISO228 1/4"
Flow diameter:	Ø8.0 mm	Ø3.4 mm
Materials:	AISI 316 Stainless Steel	
Hose:		
Outside diameter:	Ø17.6 mm	Ø13.2 mm
Inside diameter:	Ø10 mm	Ø6.4 mm
Construction:	Two-ply steel wire	
Temperature:	-40°C to +100°C	
Bending radius:	> 130 mm	> 50 mm
Work pressure:	0 - 400 bar (EN12094-8, $Wp < 1/3 \times Bp$)	
Burst pressure:	> 1400 bar	
Materials:	Oil and weather resistant synthetic rubber, two-ply steel	
Length (L):	As specified in part number above	

Markings**Hose:**

DN10 "Fire Eater - EN12094 WP 40.0MPa IG541
LongLife exceeds EN 857-2SC DN10 I.D. 3/8" WP 350 bar"

DN6 "Fire Eater - EN12094 WP 40.0MPa IG541
LongLife exceeds EN 857-2SC DN06 I.D. 1/4" WP 400 bar"

Fittings: "CE HG", "yyyy-WW", "Ci T1"

Installation

The hose is to be tightened in both ends. As there is no positive stop due to the tapered face, and the friction of the thread may vary, no specific tightening torque is given, it is important that good workmanship is applied. When there is surface contact - the hose cannot rotate in union - tighten further by 1/8 to 1/4 turn.

Maintenance

At least once per year all hoses must be inspected.

If there are cracks in the outer skin or visible corrosion the hose must be replaced.

Routine testing

Hoses must be replaced every 10 years from date stamped in collar.

No other requirements.

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