

Ci Stainless Hoses

Item numbers covered by this datasheet

205063-44 Hose DN6-400 1.0m AISI316

303102-44 Hose DN10-400 0.5m Ci AISI316

303104-44 Hose DN10-400 1.0m AISI316

303106-44 Hose DN10-400 1.5m AISI316

303108-44 Hose DN10-400 2.0m AISI316

303111-44 Hose DN10-400 3.0m AISI316

303155-44 Hose DN6-400 0.350m PA 3Elbow

303157-44 Hose DN6-400 1.0m PA 2Elbow AISI316

303172-44 Hose DN6-400 0.280m AISI316

303178-44 Hose DN6-400 1.5m AISI316

303179-44 Hose DN6-400 3.0m AISI316

303180-44 Hose DN6-400 0.5m AISI316

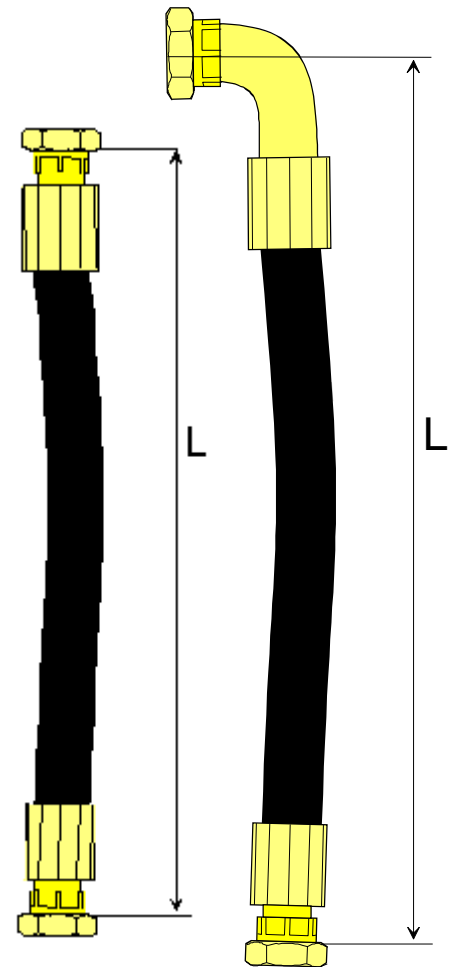
303181-44 Hose DN6-400 3.5m AISI316

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.



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<1/3xBp)	
Burst pressure:	> 1400 bar	
Materials:	Oil and weather resistant synthetic rubber, two-ply steel	
Length (L):	As specified in part number above	

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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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