

Kidde Fire Protection

NATURA™ (400 Series) Inert Gas System

Component Description

Actuation Hoses

FEATURES

- For Approvals, see the “COMPATIBILITY” table.
- REACH and RoHS compliant

DESCRIPTION

The Actuation Hoses (nominal diameter 1/4”) are used in multiple cylinder systems. Pressure is directed to the valve on each agent cylinder using an actuation hose (see Figure 1 and Figure 2). These hoses include 6mm quick connect couplings for ease of installation and maintenance.

SPECIFICATIONS

- Working Pressure (Nominal): 8 Bar (116 Psi)
- Hose Burst Pressure: 700 Bar (10152 Psi)

Material:

- Fittings - Plated Mild Steel
- Core - PTFE
- Braiding - St. St

Temp Range(s):

- ISO/EN: -20° to 50°C (-4° to 122°F)
- FM Approved / UL Listed: -20° to 54°C (-4° to 130°F)*

*Unless superseded by local/national standards

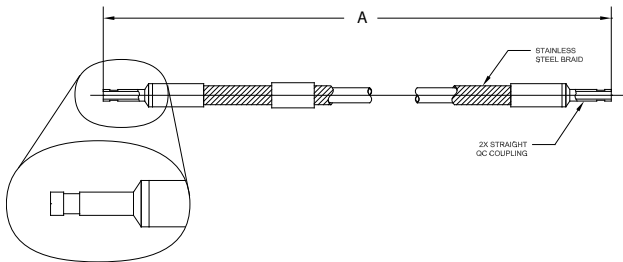
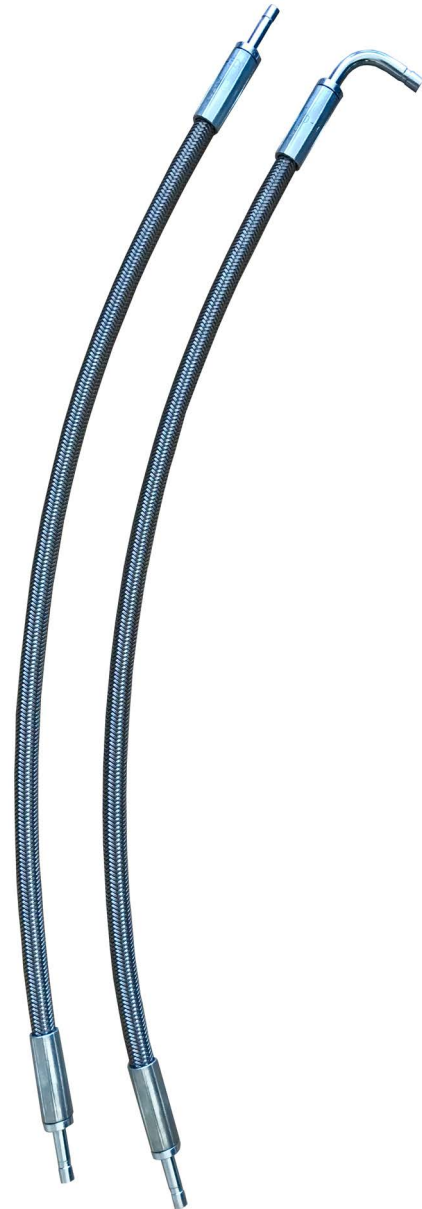


Figure 1. Flexible Actuation Hose with Straight to Straight Couplings

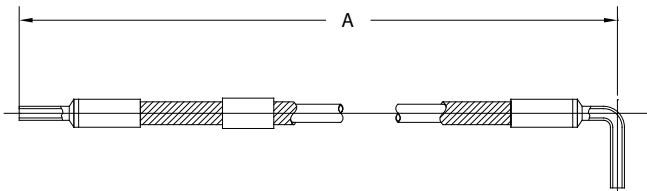


Figure 2. Flexible Actuation Hose with Straight to 90° Couplings

ORDER INFORMATION

Part Number	Connection Angle	Dimension A	Min. Bend Radius	Approximate Weight
38-401110-500	Straight to Straight	500 mm (19.7")	76 mm (3")	94g (0.20 lb)
38-401110-600	Straight to Straight	600 mm (23.6")	76 mm (3")	104g (0.22 lb)
38-401130-600	Straight to 90°	600 mm (23.6")	76 mm (3")	107g (0.23 lb)
38-401130-700	Straight to 90°	700 mm (27.6")	76 mm (3")	117g (0.25 lb)

INSTALL INFORMATION

When connecting multiple cylinders using the actuation hoses, use the following:

Connection Type	Actuation Hose Used
80 Litre Cylinders	
Release Unit to Cylinder Valve	38-401110-500
Interconnecting Valves in the same row (inline valve to valve)	38-401110-500
Interconnecting Valves in different rows (inbetween cylinder rows)	38-401130-600
140 Litre Cylinders	
Release Unit to Cylinder Valve	38-401110-500
Interconnecting Valves in the same row (inline valve to valve)	38-401110-600
Interconnecting Valves in different rows (inbetween cylinder rows)	38-401130-700

COMPATIBILITY

Series	DIOM P/N	Approvals*
Natura IGS system	06-237518-001	LPCB, FM, UL
* For additional listings, contact Kidde Fire Protection		

EXPORT INFORMATION (USA)

Jurisdiction: EAR

Classification: EAR99

This document contains technical data subject to the EAR.

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