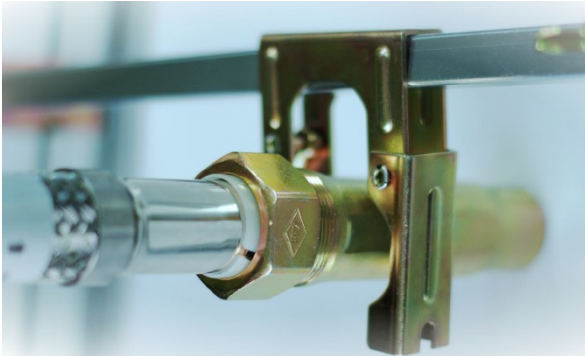


## NordicFlow® Flexible Sprinkler Hoses



### Description

NordicFlow® flexible sprinkler hoses enhance work efficiency by 70-80% compared to conventional piping. Anchoring parts are designed to allow for an easy and problem free installation without special tools in very restricted spaces.

In Finland we stock UNBRAIDED hoses in lengths of 700mm, 1000mm and 1200mm. Hoses are UL listed. BRAIDED hoses are stocked in Stockholm and can also be delivered to worksite in

Finland or Baltic countries in a few days. BRAIDED hoses are also FM approved.

### Technical specifications

Temperature	107 °C	
Working pressure	16 bar	
Max bend radius	4"(UL ), 8"(FM )	
K-factor	1/2"	80 (UL, FM)
	3/4"	160(UL), 115(FM)
Diameter of hose	UL listed UNBRAIDED hose	25.0 mm
	UL listed BRAIDED hose	26.8 mm
	FM listed BRAIDED hose	26.8 mm
	FM listed BRAIDED hose	28.0 mm

### Approvals

Lengths	700,1000,1200,1500,1800 mm	
Reducer	1/2", 3/4" NPT tai BSPT (straight or 90° bend)	
	UNBRAIDED	UL listed
Type	BRAIDED (ø 26.8)	UL and FM
	BRAIDED (ø 28.0)	FM approved

#### General note

- Enexia Oy reserves the right to change specifications, designs and/or standard equipment without notice and without incurring in any obligations

## NordicFlow® Flexible Sprinkler Hoses

Table – In stock in Finland: NF-LETKU (Unbraided), hose diameter 25.0 mm, UL

Product code	Length (mm)	Size (DN) inlet x outlet	Equivalent length for 1" Schedule 40 steel pipe C = 120, (meters)	Max number of 90° bends	Min bend radius (mm)
NF-LETKU-700	700	25x15	7.32	1	100
NF-LETKU-1000	1000	25x15	13.41	2	100
NF-LETKU-1000-20		25x20	14.63		
NF-LETKU-1200	1200	25x15	14.94	2	100

### Installation instructions

#### A. Connecting the Reducer

Disconnect the Reducer by turning the Nut (not the Reducer) from the Flexible Sprinkler Hose. Check that the Gasket and the Isolation Ring are properly in place. Reconnect the Reducer to the Flexible Sprinkler Hose by turning the Nut. Two open-ended spanners (or adjustable wrenches) should be used to tighten the Nut closely to ensure the leak-proof connection (Fig 1). Recommended torque for the work is 30 Nm.



Figure 1

#### B. Connecting the Nipple to the main piping system of the building

Disconnect the Nipple from the Flexible Sprinkler Hose. Assemble the Nipple to the main piping system of the building with normal sealing procedures and tighten it closely to ensure a leak-proof connection as shown (Fig 2). Recommended torque for this work is 95 Nm. Check that the Gasket and the Isolation Ring are properly placed at the end of the Flexible Hose. Connect the Flexible Hose to the Nipple by tightening the Nut closely. Recommended torque for this work is 30 Nm.

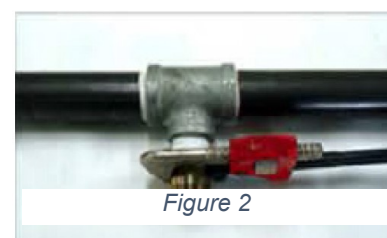


Figure 2

#### C. Connecting the square bar on the Ceiling Structure

a) Join the two End brackets and the Middle bracket to the Square bar and place the End brackets properly on the aimed ceiling structure as shown in the picture. (Fig 3) (The maximum distance between two End brackets is 1500 mm and minimum 600mm) b) Fasten the Wing bolts on the top of the End brackets tightly. c) Push the End brackets into the ceiling structure rail and check that the End brackets sit on the ceiling structure properly. d) Fasten the Wing bolts on the side of the End brackets.

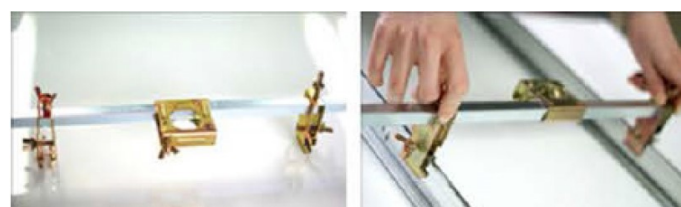


Figure 3

General note

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## NordicFlow® Flexible Sprinkler Hoses

### D. Installing the Reducer to the Middle bracket

Open the Middle bracket cover and position the Reducer inside the Middle bracket properly. Close the Middle bracket cover and fasten the Wing bolt firmly (Fig 4).

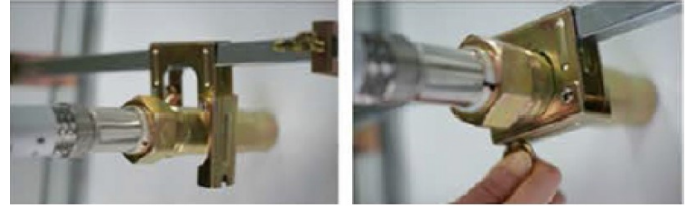


Figure 4

#### General note

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