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## Sprinkler Connection Hose



a *totalien brand*

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## SPRINKLER CONNECTION HOSE

Sprinkler system is a system which is used at watery deflation systems. According to the analysis %95 of fire has been deflated where the place has the sprinkler systems. Sprinkler system steps in when the fire starts and sprinkler the water on to the blaze and stops

spread the fire. Sprinkler Hose and Connections Set is a flexible equipment which provides the connection between the sprinkler and the fire line. This system is not influenced with the seismic actions and can be used safely.

### Application Area:

- All kind of buildings

### Advantage of our products:

- This increases the system's safety from seismic activity due to its flexible structure.
- Since the pipe cutting and threading processes required by pipe systems are prevented, this saves time and labor.
- Although leaks can be observed at the connection points (elbow, sleeve, etc.) of the Pipe during the system testing stages, operational tests of properly installed sprinkler hoses are performed without any problems.
- Thanks to a set of connections, the sprinkler system is installed quickly and easily.
- It is highly resistant to heat, pressure, and corrosion

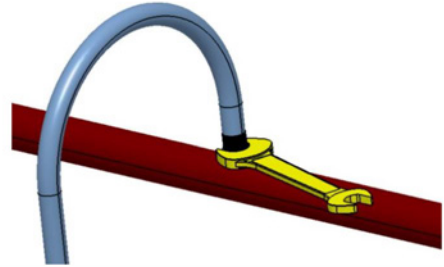


<b>Hose Material</b>	AISI 316L Stainless steel
<b>Braid Material</b>	AISI 304 Stainless steel
<b>Fittings Material</b>	Carbon steel- Stainless steel
<b>Fitting Type</b>	Male-internal threaded pipe
<b>Sprink Connection</b>	Threaded special parts for sprinklers
<b>Fixing Parts</b>	Carbon Steel
<b>Hose Diameter</b>	DN20 (3/4") - DN25 (1")
<b>Ambient Temperature Rating</b>	149 °C / 300 °F
<b>Working Pressure</b>	PN16
<b>Bending Radius</b>	Min. 200 mm
<b>Hose Length</b>	120 cm
<b>Connection / Sprinkler Side</b>	1/2" Nickel Coated Carbon Steel St37
<b>Connection / Fire Line Side</b>	1" Nickel Coated Carbon Steel St37
<b>Connection Set, Profile</b>	Nickel Coated Carbon Steel St37-1 Piece
<b>Middel Connection Part</b>	Nickel Coated Carbon Steel St37-1 Piece
<b>Side Connection Part</b>	Nickel Coated Carbon Steel St37-2 Pieces
<b>Sprinkler Size</b>	1/2", 3/4"
<b>Fire Line Connection Standart Lengths</b>	500 mm, 600 mm, 700 mm, 1000 mm, 1200 mm, 1500 mm, 1800 mm, 2100 mm, 2300 mm, 2500 mm,

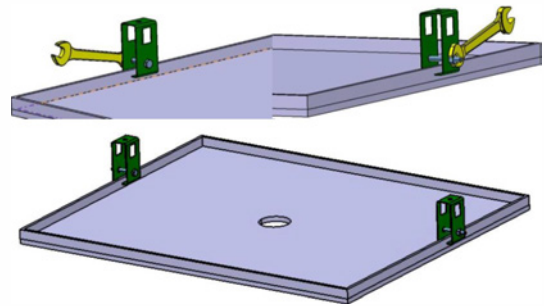
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## Mounting :

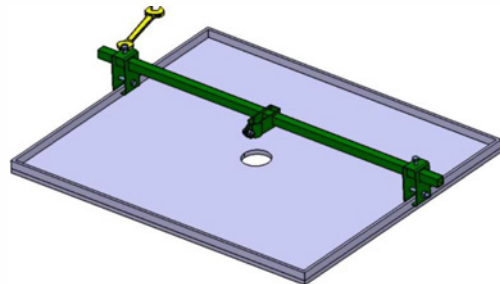
The hose is attached and tightened to a mechanical, tee or welded coupling on the fire line using a spanner. In this process, since the nut thread is conical, a gasket is not required.



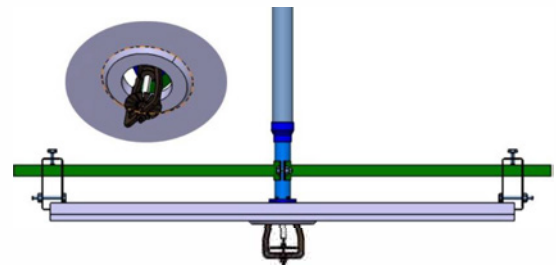
Two fasteners are attached to both sides of the metal, mesh so that they look at each other and gently tighten. Do not tighten too much if further adjustments may be required.



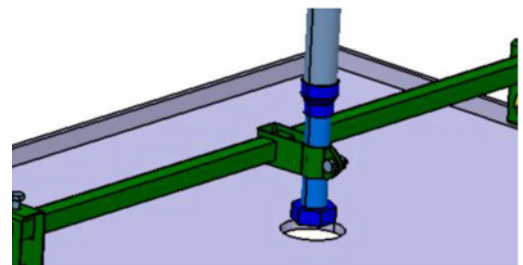
Thread the mounting rod through one of the fasteners and push it in the opposite direction in the same plane until the unattended end of the rod passes through the hose fastener and the opposite kit fastener. Place the mounting bar so that it leaves an equal distance on both sides, screw the tightening bolts on top of the fasteners at both ends, and tighten gently. The upper bolts of the right and left complete devices are tightened with a wrench.



The sprinkler side of the sprinkler hose is placed in the hose attachment apparatus and the device is adjusted to be aligned with the hole on the ceiling. The apparatus bolt is tightened with a wrench.



The sprinkler head connects to the end of the sprinkler hose, and the pad is tightened. Tapered head thread sprinkler and hose nut provide the desired seal without the use of gaskets. Check the installation of the sprinkler system for tightness, finally, sprinkler hose and connection adapter ready help protect living beings and structures against the risk of fire. The stability of our product to pressure, temperature, vibration and corrosion is tested for all requirements.





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