

## Description

The **FIRE KILL™** Model N-pipes is a system of small dimension stainless steel pipe prepared for direct installation of low pressure water mist nozzles into the pipes in pre-fabricated installation threads. The design saves cost on fittings as well as reduces the risk of getting impurities into the pipe when installing the system. The design does also ensure correct installation spacings.

The N-pipes are supplied in 6 meter length pipes and in different dimensions with blank ends prepared for press fittings. The N-pipes does come with different thread configurations for different applications.



## Applications

In general N-pipes are used for protection of industrial applications. On page two is shown some examples of applications.

## Approvals

The N-Pipe system holds various third party approvals from typically DnVGL and has been tested to both local test protocols and international test protocols.

## Technical data

General description	
Pipe dimensions	ø28 mm x 1,2 mm ø35 mm x 1,5 mm ø42 mm x 1,5 mm ø54 mm x 1,5 mm ø76,1 mm x 2 mm
Pipe length	6 m
Maximum water pressure	16 Bar
Pipe ends	Open end
Material	AISI 316
Related products	
Open nozzle	BM-1 K1 F1 K6 APS
C-EL Valve	DN50 / DN80
Filter	DN50 / DN80

## Installation

The N-pipes should be installed into clean pipe systems, consisting of non-corrosive materials as to prevent galvanic corrosion in the pipes. The system should therefore be flushed and rinsed before the installation of the N-pipes. The Pipes should be installed using approved pipe hangers fitted to permanent beams or similar robust and reliable structure.

Strainers capable of supplying the N-pipes for at least 60 minutes and with a mesh-size of 1-1.5 mm should be installed with the system. This strainer should in turn be easily replaceable, should the system be actuated.

N-pipe type	Nozzle configuration	Recommended nozzle to be used.	Typical application
Type I	For nozzles in single line.	BM-1 K1 F1 APS	Conveyer belts, point machine protection, process areas, in rack storage protection, fat fryers, atrium, facades.
Type 2V	For nozzles with nozzle threads placed two and two with 90° between them.	BM-1 K1 F1	Conveyer belts, point machine protection, process areas, in rack storage protection, fat fryers.
Type 3V	For nozzles with nozzle threads placed three and three with 45° between them.	BM-1 K1 F1	Conveyer belts, point machine protection, process areas, in rack storage protection, fat fryers. Infrastructure tunnels.
Type LP	For 4 nozzles in single line with 1.5m between the nozzle threads and with 0.75 to both ends.	K6	Local protection of hotspots.
Type FF	For 2 nozzles in single line with 3m between the nozzle threads and with 1.5m to both ends.	K6	For full flooding protection of machine rooms, turbine enclosures,

## Contact

For further information on **FIRE KILL™** products, please contact our sales department at [Sales@vidaps.dk](mailto:Sales@vidaps.dk)