

Rated Pressure 1.5MPa
Collapse Pressure 21MPa

Technical Specifications

Parameter	Tube Size (ID)	
	15	20
Internal ID Diameter, mm	14.1	21.0
Tube Wall Thickness, mm	0.30	
Minimal Corrugation Step, per 100 mm	20	19
Outer OD Diameter, mm	18.1	25.6
Operational Temperature at 1.5MPa Pressure, °C	150	
Maximal Temperature Peak, °C	400	
Rated Operational Pressure, MPa	1.5	
Minimal Bending Radius, mm	30	40
Maximal Collapsing Pressure at 20°C, MPa	21	
Linear Expansion Factor 10^{-6} , 1/°C	17	
Expected Service Life	30 years	

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NEPTUN IWS STAINLESS STEEL CORRUGATED PIPE IN AUTOMATED FIRE EXTINGUISHING SYSTEMS



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PRODUCT NOMENCLATURE

- Neptun IWS Flexible Stainless Steel corrugated tube
- Snap-on Brass fittings e.g. couplings, both with and without grooves
- Fastening System



HIGH QUALITY STAINLESS STEEL CORRUGATED TUBES



APPLICATIONS

Automatic Sprinkler Based Fire Extinguishing Systems

in offices, hotels, and residential properties

Existing sprinklers relocation

during property renovation or re-planning

No-Weld Fire Extinguishing Systems

on sites where welding and other flammable operations are prohibited due to safety reasons

NEPTUN IWS FASTENING SYSTEM

for corrugated tube and fittings' rigid installation on suspended ceilings' guiding railings

This allows to adjust the sprinklers' installation height



1
Neptun IWS Bracket L
Pipe Clamp – 1 pc.

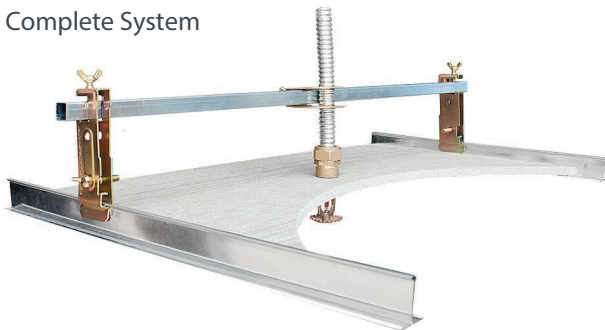


2
Neptun IWS Bracket S
Guides Clamp – 2 pcs.



3
SQR
Pipe Rack– 1 pc.

Complete System



15x1/2" Neptun IWS
Fitting Fastener

This fastener fixes the pipe with a fitting behind the suspended ceiling, thereby not allowing it to fall out. Recommended for liner length not exceeding 600mm. Available for 15A pipes nomenclature only.

BENEFITS



Installation Reliability and Speed

Thanks to the Neptun IWS fittings special design, corrugated pipe installation is carried out in shortest possible time, with connections' high reliability. Due to simplicity, there is no need for top qualified workforce.



No Need for Welding

Neptun IWS corrugated tube and fittings system are indispensable when installing automatic fire extinguishing systems on sites where, according to the safety regulations, welding and other inflammable operations are prohibited.



No Need for Special Equipment or Tools

For Neptun IWS corrugated tube and fittings system installation, no additional tools required except for the roller pipe cutter and two spanner wrenches.