PANEW Flexible Sprinkler Hoses List

Type	For Commercial System					For Clean-room	For Duct System
Item No.	P9200	P9300	P9400	P9500	P9600	P9700	P9900
Diameter	DN25 (1")	DN25 (1")	DN20 (3/4")	DN20 (3/4")	DN25 (1")	DN25 (1")	DN25 (1")
Inlet Spe.	BSPT(NPT)- ∮ 1"	BSPT(NPT)- ∮ 1"	BSPT(NPT)- ∮ 1"	BSPT(NPT)- ∮ 1"	BSPT(NPT)- ∮ 1"	BSPT(NPT)- ∮ 1"	BSPT(NPT)- ∮ 1"
	SUS304	SS400(Galv.)	SUS304	SUS304	SS400(Galv.)	SUS304	SUS304
Outlet Spe.	NPT(BSPT)- ∮ 1/2"	NPT(BSPT)- ∮ 1/2"	NPT(BSPT)- ∮ 1/2"	NPT(BSPT)- ∮ 1/2"	NPT(BSPT)- ∮ 1/2"	NPT(BSPT)- ∮ 1/2"	NPT(BSPT)- ∮ 1/2"
	SUS304	SS400(Galv.)	SUS304	SUS304	SS400(Galv.)	SUS304	SUS304
Construction	One-piece welded design, whole of the hose made by SUS304	3-piece design,both ends with movable threaded connections	One-piece welded design, whole of the hose made by SUS304	One-piece welded design, whole of the hose made by SUS304	3-piece design,both ends with movable threaded connections	Fixing plate and adapter specially designed for Clean room T Ceiling grid	The union and protective bag specially designed for duct system
Wire braids	Yes	Yes	Yes	NO	NO	Yes	Yes
Installation accessories	Square pipe L650mm 1pc Adapter holder 1set Pipe clamp 2sets	C-beam L700mm 1pc Adapter holder 1set Pipe clamp 2sets	Square pipe L650mm 1pc Adapter holder 1set Pipe clamp 2sets	Square pipe L650mm 1pc Adapter holder 1set Pipe clamp 2sets	C-beam L700mm 1pc Adapter holder 1set Pipe clamp 2sets	Fixing Plate	Mounting Block 1pc Union 1pc Protective bag 1pc
Certification	FM APPROVED		FM APPROVED UL LISTED	UL LISTED	UL LISTED	FM APPROVED	FM APPROVED
Application	Be widely used in hospitals, hotels,shopping malls and other commecial system					For Clean-room	For Duct System
Photo							

Comparison between Flexible Sprinkler Hose and Conventional Rigid Piping

Features	Flexible Sprinkler Hose	Conventional Rigid Piping
INSTALLATION	1.No need precision sprinkler locating process before sprinkler mounting.	1.Required precision sprinkler locating process before sprinkler mounting.
	2.Quick and easy installation due to the flexible hose and only one process required.	2.Required complicated installing processes,including trimming,threading and sealing with threaded elbows.
	3.Easy to bypass the building components&piping assemblies.Making the work easier in tight area.	3.Complicated pipe bends or elbows sealing have to be done to bypass the building components&piping assemblies.
	4.Relocate the sprinklers without completely new installation of sprinkler system during renovation or convensions.	4.Require to replace the existing piping with new installation of sprinkler system during renovation or convensions.
COST	1.The labour costs could be decreased effectively. A normal labour can finish one sprinkler system within 5 minutes.	1.Require one more experienced manual labour to finish the complicated installation of one sprinkler system. (Normally one labour can finish 6 to 8 pieces per 8 hours.)
	2.No need piping pressure-relief or hose dismounting during renovation or convensions. Lower down material and labour cost significantly.	3.Require extra pipeline transformation cost and more labour cost during renovation or convensions.
QUALITY & SAFETY	1.The stainless steel material sprinker hose is much more durable.	1.Service lifetime of galvanized steel pipe is no longer as the stainless steel sprinkler hose.
	2.Less sealing connections for sprinkler system mounting reduce leaking risk. Only require 1-3 sealing connections for each sprinkler system mounting. When the system is conducted with leakage test, the leaks could be sealed again without new system installation under the system pressurized.	2.Require 6 or more sealing connections for each sprinkler system mounting. When the system is conducted with leakage test, risk of leaks which often require one more new system installations and pressure leakage tests.
	3.Effectively reduce the risk of piping deformation and cracks due to the earthquake or improper forces applied.	3.Risk of piping feformation and cracks exists dur to the earthquake and improper forces applied.

Advantages of Panew Flexible Hose for Sprinkler System

1.One piece style and stainless steel structure product with outstanding durable quality.

2.Two-piece style with movable threaded union makes easier installation and high efficiency. Metal seal structure nipple can be dismounted repeatly without rubber aging trouble.

3.TIG welding process and 100% pressure test before delivery guatantees quality products without leakage.

4.The minimum sealing connections (2 or 3 for each sprinkler system) reduces leakage risk by mis-installation.

5.Simple installation.Flexible to adjust for relocation.

6. P9500 hoses with heat treatment process is more flexible for bending and fixing, which makes easier installation in tight area, ensuring qualilty relocaton and installation works.

7. Construction with screws will free the installation job from heavy tools. Installation can be done without any tools except screw drivers. Tremendously increase the efficiency and reduce the labour cost.

8.Stronger supporting brackets. Enhanced design of supporting brackets resists max. 81 N•m (60 Lbs•ft), but also lower the total weight of the system. Easy to carry on and work with. No risk of break the system with over torque.

9. Local scope high resistance loss may be caused by smaller effective area of the product, can increase the diameter properly to reduce friction resistance.