



## Regardless of Material, All Ducts Require Some Sprinkler Protection

FM regulations require sprinkler protection in all ductwork regardless of the duct material used. Sprinklers are required if the duct rises more than the specified height for the material used, passes through a firewall, contains combustible fumes, if the build-up of combustible residues is likely to exceed threshold levels, or if the tool being vented is flammable. If these conditions are ignored, and sprinklers are not installed, insurance coverage may be void. Why take that chance, especially since you have to run a sprinkler main anyway?

### Features and Benefits

Combining patented FlexHead sprinkler systems with the best corrosion resistant duct material, costs less than half of any non-sprinkler duct materials and provides the most cost-efficient choice in exhaust duct systems. FlexHead sprinkler systems also offer:

- Labor-saving, simplified installation takes minutes instead of hours
- Patented polybag/gasket assembly creates clean mini-environment for sprinkler heads within ducts,

prolonging the life of sprinkler heads, and preventing production downtime caused by false alarms

- Wide variety of mounting blocks are available to accommodate all types of exhaust ducts
- FM-approved right out of the box. Meets all insurance requirements
- Eliminates need for costly access panel mounted on duct as is mandatory with hard-pipe sprinklers
- Preventive maintenance takes 10 minutes—with *NO* required FAB shutdown—unlike hard-pipe
- Flexible hoses allow for independent motion (sway) between duct and water main to compensate for duct vibration and during possible seismic activity—eliminating potential leaks, and allow for multiple design choices and flexibility during retrofit and expansion

### Call For More Information

Planning the best fire protection requires careful consideration. If you would like more information on how FlexHead flexible sprinkler systems are the easiest, most reliable, and most cost-effective systems available, please call **(800) 829-6975** today! Or visit our website at [www.flexhead.com](http://www.flexhead.com).

### FR I C T I O N   L O S S

FlexHead Model #	Orifice Size	Hose Assembly Length ft(m)	Equivalent Length of 1" schedule 40 pipe ft(m)	Maximum Rated Pressure psi (kPa)
XX24	1/2in.	2ft (0.6m)	11ft (3.6m)	175 (1205)
XX36	1/2in.	3ft (0.9m)	19ft (5.8m)	175 (1205)
XX48	1/2in.	4ft (1.2m)	21ft (6.4m)	175 (1205)

"XX" represents the model number. For example: 1024 is FlexHead model number for 1000 Series.  
 1000 Series is limited to Fiberglass Reinforced Plastic (FRP) exhaust ducts.  
 1100 Series is limited to metal exhaust ducts.  
 1200 Series is limited to Polypropylene Plastic exhaust ducts.  
 1300 Series is limited to Polyvinyl Chloride Plastic (PVC) exhaust ducts.

Each FM-approved, ready-to-install sprinkler system is pressure- and leak-tested prior to shipping and comes complete with a flexible stainless-steel hose, reducing coupling integrated into top mounting flange, manufacturer applied wax coated sprinkler head, gasket with dual poly bag assembly and bottom mounting block.

