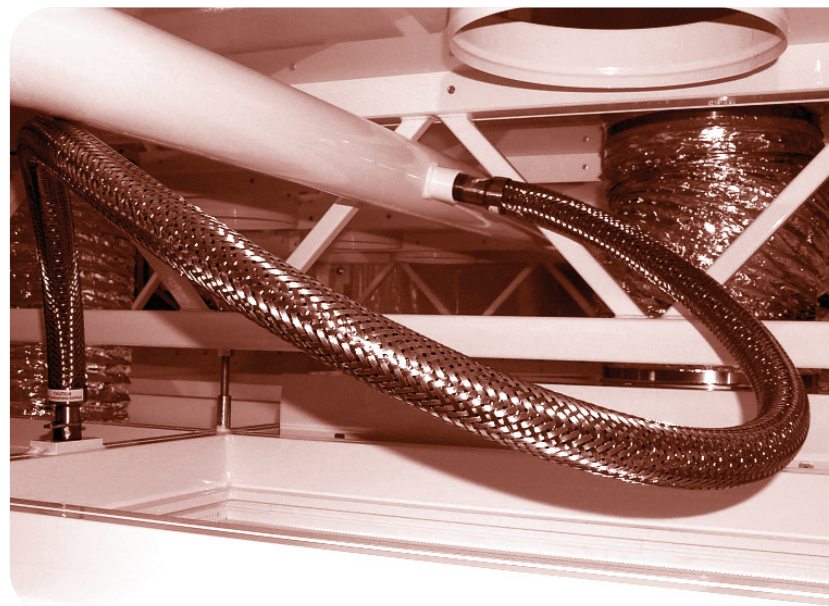


FlexHead[®] Cleanroom Ceiling Sprinkler Connections

Quality Stainless-steel Construction. No FAB Downtime. Peace of Mind.

For over a decade, FlexHead sprinkler systems have been protecting cleanrooms in places such as Taiwan, China, Singapore, Israel, Europe, and North and South America. With over 100,000 sprinkler systems installed worldwide, FlexHead's product quality is matched by no other. Installed, our systems provide fire protection, contamination protection, and peace of mind.

FlexHead Industries' all stainless-steel, one-piece system is leak-tested, and available cleaned and polybagged prior to shipping. The 100% stainless-steel construction requires no painting or epoxy coating—eliminating the danger of paint particulates being released during installation or relocation. Designed to work with any major manufacturer's ceiling grid, FlexHead sprinkler systems provide maximum protection against fire, leaks, and contamination due particulate discharge. Each FM-approved, ready-to-install system comes complete with a flexible stainless-steel hose, one-piece stainless-steel sprinkler drop with O-ring seal and grid attachment, and is available with or without an FM-approved sprinkler head. *But here's the best part:* Initial installation cost of a FlexHead system



FlexHead Industries' leak-tested, all stainless-steel construction provides maximum protection against fire, leaks and cleanroom contamination.

is *less than* the alternative choices, and the ongoing cost of ownership is significantly less as well.

Simple Installation, Easy Relocation, Faster Cleanroom Certification

With no required in-field assembly, each one-piece system installs in about 10 minutes. It's a simple matter of connecting to the sprinkler main, inserting the one-piece, stainless-steel sprinkler drop with O-ring seal through the ceiling grid and securely fastening it down. Uniform, ultraclean grid penetration eliminates the need for escutcheons. In service, the flexible connection between the

sprinkler main and ceiling grid dissipates any vibration, so gel seals remain intact, even in seismically active areas.

Because installation takes a fraction of the time of hard-pipe systems, cleanrooms can be certified and online faster—a critical factor in getting your cleanroom up and running. And unlike traditional hard-pipe methods, relocation of Flexhead units can occur without the need to shut down and drain the entire fire sprinkler system, or to worry about the particulate contamination caused when hard-pipe are disassembled. This means there is virtually no downtime while sprinkler heads are moved to accommodate new tool or floor-plan reconfiguration.

Features and Benefits

- FM-approved right out of the box. Meets all insurance requirements
- Leak-tested assembly installs in a fraction of hard-pipe installation time—accelerating cleanroom certification and operational readiness

- Allows quick and easy relocation when floor plan changes due to reconfiguration of tool layout
- Pre-cleaned and sealed for shipping. All stainless-steel construction means no particulation into cleanroom, and eliminates epoxy painting of sprinkler pipes
- Allows for independent motion (sway) between ceiling grid and water main to accommodate filter vibration and during possible seismic activity—eliminating potential leaks and protecting gel seals
- Eliminates ceiling stress/leaks due to mis-aligned hard-pipe installation
- Uniform sprinkler-head protrusion through grid and stainless-steel construction eliminate the need for unsightly escutcheons

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.

F R 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)
CRX 0036	1/2in.	3ft (0.9m)	15.1ft (4.6m)	175 (1205)
CRX 0072	1/2in.	6ft (1.8m)	27.5ft (8.4m)	175 (1205)

1 inch nominal diameter flexible metal sprinkler hose for providing a connection to automatic sprinklers in cleanroom ceilings. "X" represents the ceiling grid manufacturer. FlexHead manufactures sprinkler systems compatible with all major cleanroom ceiling grids.

