

TECHZONE™ Ceiling System – Fire Sprinkler Connections



CEILING SYSTEMS

[Between us, ideas become reality.]*

FLEXHEAD
INDUSTRIES 

Armstrong®

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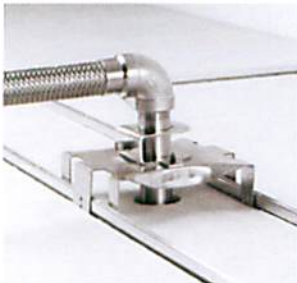
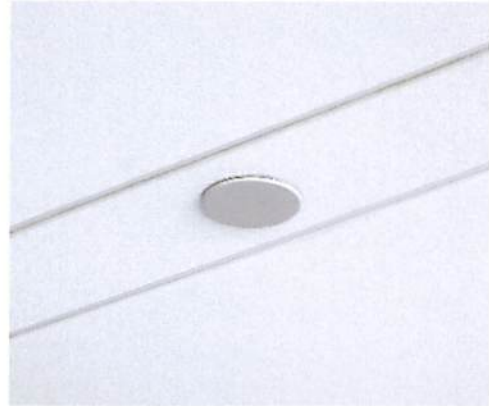


Armstrong® TechZone™ Compatible

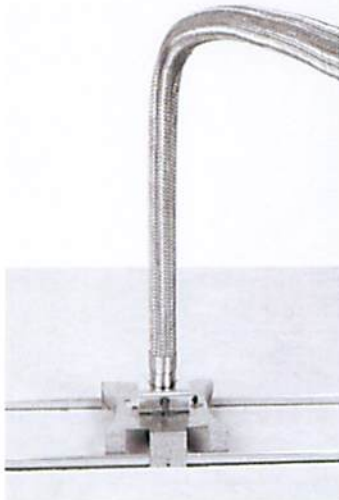
FlexHead Commercial Ceiling Sprinkler System

FlexHead Flexible Sprinkler Connections consist of fully welded, stainless steel hose assemblies and a bracketing system that connect sprinkler heads to the branch lines. These systems install in a quarter of the time of hard pipe armovers, allowing for rapid installation or relocation of sprinkler heads in suspended ceilings. The flexible hose connection assures center of ceiling tile location for sprinkler heads. Each FlexHead unit comes with a mounting bracket and a 1-piece, leak tested sprinkler drop. The mounting bracket is specifically designed to be compatible with the TechZone suspended ceiling system.

FlexHead Flexible Sprinkler Connections are compatible with any contractor installed sprinkler head of choice and are available in both 1/2" & 3/4" outlet sizes. This pressure/leak tested system is available in 2, 3, 4, 5 & 6' (0.6 - 1.8 m) hose lengths, making it ideal for any commercial application.



Low Profile Sprinkler



Standard Profile Sprinkler

To accommodate even the most space restrictive projects, FlexHead has a low-profile unit. All FlexHead commercial sprinkler connections are Factory Mutual (FM) approved and UL listed and are manufactured in an FM/UL audited facility. The standard unit is rated at 175PSI with a 300PSI unit available for high pressure applications.

Seismically qualified

FlexHead flexible sprinkler connections allow for independent movement between sub-mains and ceilings. Armstrong and FlexHead have tested this system at the State University of New York at Buffalo (SUNY). They're qualified for use in Seismic Design Categories C, D, E and F. They meet all International Building Code

requirements without needing an unsightly oversized ring, sleeve or adaptor where the ceiling meets the sprinkler head. FlexHead connections are FM-approved and UL-listed, having passed rigorous tests for hydrostatic pressure, vibration, friction loss, fatigue, head deployment, corrosion and water hammer. Every hose is leak-checked at the factory. Their burst pressure exceeds 3,000 pounds. And they're compatible with every sprinkler head on the market.





Armstrong Optima 30" x 30" field panels with 6" x 60" Metal technical panels and FlexHead Fire Sprinkler system.

TechZone Ceiling System

An organized system using standard components:

- Lay-in and tegular large-size Optima ceiling panels create the field.
- Lay-in and tegular 6" wide technical panels in Optima or Metal house services and form the "Tech Zone."
- Lay-in and tegular linear recessed light fixtures or pendants, air diffusers and sprinklers align precisely in the "Tech Zone" for a clean linear visual.
- The entire System is tested for fit and finish.

Applications

Open areas such as:

- Libraries/Media Centers
- Open Plan Offices
- Upscale retail settings
- Airports

TECHZONE Benefits:

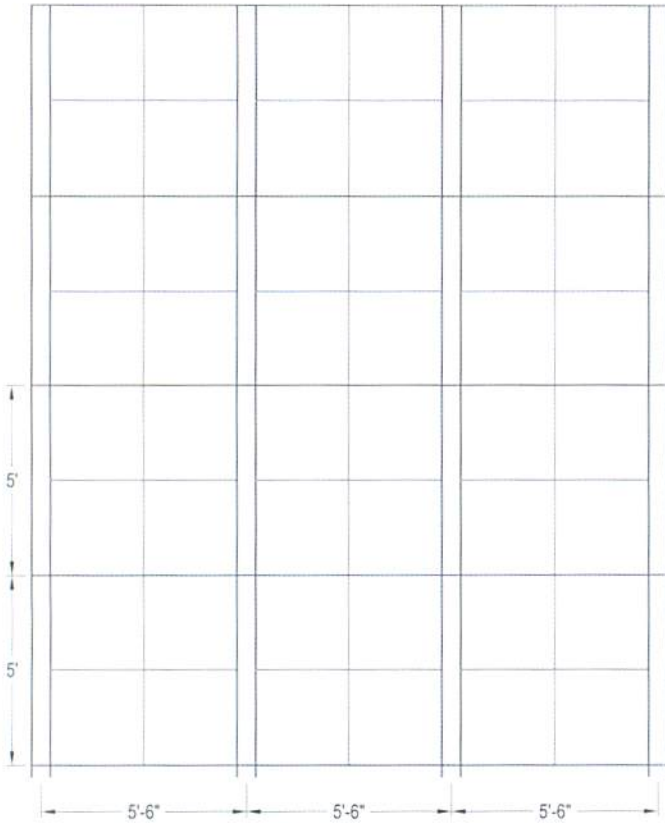
- Monolithic, uncluttered ceiling visual
- Uses standard ceiling and grid components for a custom look
- Your choice of layout configurations
- Lighting, diffusers and sprinkler heads are all housed in the 6" technical "Zone"
- Since services are in the "Zone," maintenance hassles and potential panel damage is lessened
- Earn LEED® credits with Hi-LR Optima field panels and pendant fixtures
- Major industry partners in lighting, air diffusers and fire protection
- All components qualified for fit and finish

TECHZONE Partners

Armstrong has teamed with industry leaders in lighting, air diffusers and fire protection to create the "Tech Zone," developing fixtures that are pre-qualified for fit and finish. Look for the **Armstrong® TechZone™ Compatible** sign of assurance on partner specification sheets.

Fire Protection by

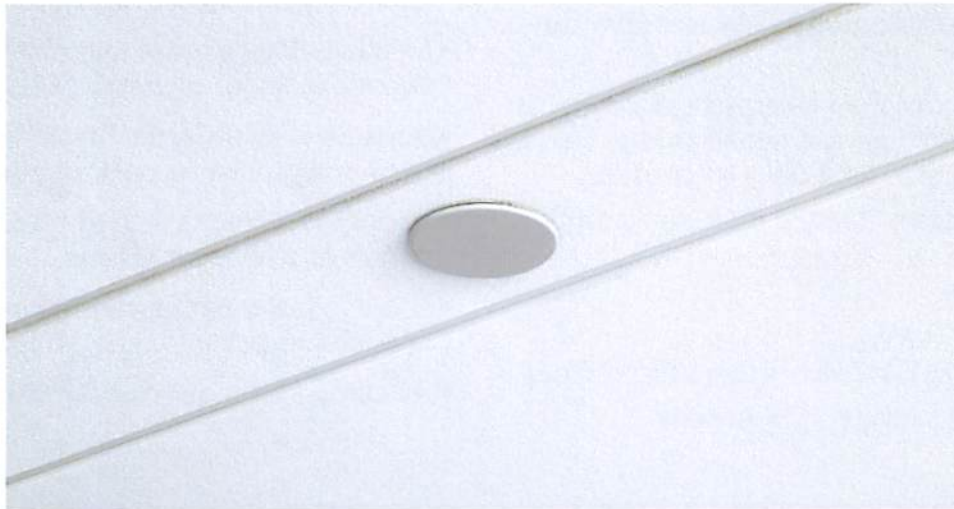
FLEXHEAD
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The Plan



The Reality



FlexHead Fire Sprinkler Connection

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