



Superior Protection for Your People, Your Assets and Your Operations.

Clean. Safe. Effective.

Using technology developed by Securiplex, Hiller Water Mist specializes in the manufacture of water mist/fog fire protection solutions. To date, our systems have been in high profile installations such as the New York subway system, the British/Franco Euro tunnel, the navies of the USA, Canada, United Kingdom and more.

As pioneers of the fire suppression industry, we are at the forefront of innovation and development. Hiller Water Mist, formerly Securiplex, helped to establish North American industrial water fog/mist technology by working with FM to develop the appropriate test protocols and – in 1995 – received the first FM-approval ever issued for a water fog/mist fire protection system. Our state-of-the-art systems provide the performance, efficiency and reliability needed to ensure that your people, equipment and operations remain safe and productive. Government testing has proven that our systems surpass all other major manufacturers in extinguishment times.

Our team of engineers and specialists will work with you to design the most cost-efficient solution without compromising protection of your personnel, equipment or property.



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Distributed through The Hiller Companies

PROOF



America's First FM-Approved Water Mist

HILLER WATER MIST



A SECURIPLEX TECHNOLOGY

FIRE-SCOPE® Series Benefits

The FIRE-SCOPE® series of fog/mist fire protection systems use less water than conventional sprinklers and provide better extinguishing capabilities than gaseous systems — without hazard to your personnel. Fog/Mist poses no risk to hot mechanical equipment and electrical components while limiting post-discharge clean up and damage. Effectiveness of the fog/mist is unaltered by breach of enclosure integrity, and the cooling quality of a fog/mist discharge eliminates risk of re-ignition.

Through our R&D activities and our many approvals, a whole host of applications are suitable for our FIRE-SCOPE® water mist systems including commercial and healthcare facilities, emergency diesel generators, paint booths, gas turbine power generators, aircraft hangars, propulsion engines, transformers, MCC rooms, road tunnels, mining equipment, conveyors, cable tunnels, and many other applications.

Features and Benefits of FIRE-SCOPE® Series Systems

- ▶ Uniformly reduces temperature of hot metal surfaces to prevent re-ignition.
- ▶ Small droplets greatly reduce radiant heat transfer to other equipment and firefighting personnel.
- ▶ Very small amount of water required compared to conventional sprinkler systems. Large percentage of water discharged is converted to steam by fire.
- ▶ Effective for scrubbing smoke and other toxic gases.
- ▶ Collateral damage is minimized (heat reduction, scrubbing, small amount of water used).
- ▶ Various test protocols require fire extinguishment, not merely fire control.
- ▶ Air tight enclosure not required as with clean agents and CO2.
- ▶ Virtually unlimited discharge time – limited only by availability of water.
- ▶ No downtime for recharge.
- ▶ Extinguishing agent (water) is essentially zero cost.
- ▶ May be furnished as self-contained system requiring no plant water or air/nitrogen.



FIRE-SCOPE® 2000

Optimal Extinguishing, Minimal Clean Up.

FIRE-SCOPE® 2000 is a low pressure dual-media water fog/mist system.

A proprietary mixing chamber inside the nozzle allows air (or nitrogen) to shear the water stream to generate fine water droplets.

The Hiller Water Mist FIRE-SCOPE® 2000 system operates at a pressure of approximately 80 psig (5.5 barg) which allows the use of standard Schedule 40 piping. The FIRE-SCOPE® 2000 system can be provided in a variety of configurations from Self-Contained (using dedicated air/nitrogen cylinders and water storage tank) to Plant Services (using plant water and air supply, when adequate) providing virtually unlimited protection time and eliminating the need for water tanks or cylinders.

- *The first and only commercial water fog/mist manufacturer with an FM approval for local application.*
- *FM-approved to utilize plant services (water and air/nitrogen) – lowest cost suppression system available.*
- *Requires power only for control panel to maintain battery charge.*

FIRE-SCOPE® 5000

Versatile. Efficient.

The Hiller Water Mist FIRE-SCOPE® 5000 is a high-pressure single-fluid system operating at a pressure of approximately 750 psig (52 barg). This allows for the use of small diameter piping/tubing for faster installation times and cleaner looking installations. In addition to being FM-approved, the FIRE-SCOPE® 5000 system has been approved by USCG and other marine approval authorities such as ABS and Lloyd's Register.

- *FIRE-SCOPE® 5000 utilizes stainless steel nozzles with titanium orifice tips to provide superior resistance to wear and abrasion.*

Customized Systems Built for Your Project

From Subways to Laboratories - The Ultimate Solution

The FIRE-SCOPE® 2000 system can easily be connected to your water or air supply system without the need for pumps.

For remote or difficult to access sites where water and air are unavailable, both FIRE-SCOPE® 2000 and FIRE-SCOPE® 5000 systems may be offered in stand-alone, self-contained configurations which are FM-approved. Hundreds of systems have been installed worldwide at such locations as the largest oil producer in Brazil, several leading offshore production/ drilling companies, power generation facilities for large utility companies located in regions spanning the USA, Canada, South America and the Middle East. The FIRE-SCOPE® Series provides total flooding, local application protection or light/ordinary hazard protection for:

Markets

- Oil & Gas
- Power & Utilities
- Pulp and Paper
- Automotive
- Agriculture / Food Processing
- Transportation
- Semiconductor

Applications

- Turbine generators / Turbine bearings
- Diesel generators
- Transformers
- Diesel generators
- Subway systems
- Data centers
- Pumps
- Cable tunnels
- Dip tanks
- Conveyors
- Printing presses
- Wet benches
- Battery Rooms

A SECURIPLEX Technology

The SECURIPLEX name is synonymous with water mist technology and has been a leader in the fire protection industry for more than 40 years. As the original manufacturer of water mist technology, the company began in Dorval, Quebec, Canada and in 2006, sold its FIRE-SCOPE® 2000 Water Mist Fire Suppression System and FIRE-SCOPE® 5000 High Pressure Water Mist System product lines to the newly formed SECURIPLEX under ownership of The Hiller Companies.

While we have refreshed the look and feel of SECURIPLEX to better align with the Hiller family of brands, Hiller Water Mist will always be proud to be recognized as a SECURIPLEX technology. We are poised to continue offering our clients the best in fire protection well into the future. We are dedicated to innovation that will allow water mist technology to continue to grow into other applications and markets not foreseen today.