



WHAT DOES PROTECTING A HUMAN LIFE MEAN TO YOU?
TO US THE WORLD.



IF IT FLOATS, SAILS, OR WORKS ON THE WATER,
WE'LL PROTECT IT.

From a single towboat to a fleet of tankers, the Tyco Fire Suppression Group has the expertise to protect nearly any marine or military asset. In fact, you'll find over 80% of all commercial vessels at sea are protected by products from Tyco.

Typical applications: engine rooms, machinery spaces, jetties, bilges, flammable liquid storage, food galleys, combat vehicles, helidecks, common areas, fuel storage and dispensing areas, flight lines/ramps and command control centers.

COMMERCIAL

- Tankers
- Cargo Ships
- Ferries
- RoRo Vessels
- Passenger Ships
- Tug & Tow Boats
- Research Vessels

OFFSHORE

- Exploration / Drilling Platforms
- Production Platforms
- Floating Production, Storage, and Offloading Vessels

MILITARY

- Aircraft Carriers
- Surface Combatant Ships
- Submarines
- Support Vessels

The Tyco Fire Suppression Group maintains global listings and approvals by Lloyd's Register, IMO, ABS, DNV and USCG. By meeting the complex demands of hazardous environments, the Tyco Fire Suppression Group is a fire protection partner maritime industries can count on.



YOU DON'T FIGHT FIRES BY STANDING STILL.

NEITHER DO THESE.

Suppressing a fire within its first two minutes of flare-up is critical to success. Give yourself the necessary "fire-power" to protect people and property with the Tyco Fire Suppression Group's complete line of portable extinguishing products. From alternative clean agents and carbon dioxide to foam and dry chemical, no one offers as many choices in portable fire protection.

HAND PORTABLE FIRE EXTINGUISHERS

■ Cartridge-operated

Increased reliability, on-the-spot recharge and ease of service. Available with dry chemical or special dry powder.

Typical applications: fuel loading racks, mining equipment and paint lockers.

■ Stored-pressure

Primary fire suppression for light to medium use. Available with dry chemical, carbon dioxide, clean agents, liquid kitchen agents or water.

Typical applications: banks, restaurants, electrical equipment rooms, computer centers, data/document storage areas, control rooms, electronics manufacturing, MRI rooms and operating rooms.

WHEELED FIRE EXTINGUISHERS

Designed to protect high fire-risk areas where the potential for large fires exists. Greater extinguishing agent capacities than portable extinguishers, yet highly mobile and fully operable by one person. Available with dry chemical, foam, carbon dioxide and special dry powders.

Typical applications: airports, loading docks, steel mills, paint spray booths, offshore platforms and heavy manufacturing areas.

CHEMICAL SPILL CONTROL

The Tyco Fire Suppression Group offers a range of spill control agents, including those designed to neutralize, polymerize and/or solidify a wide range of chemical hazards.

- Acid Neutralizer
- Caustic Neutralizer
- Solvent Adsorber
- Formaldehyde Polymerizer
- Vapor Mitigating Agent

Typical applications: laboratories, chemical storage, healthcare facilities, automotive retail stores and telecommunications switches.





PROTECTING BUSINESS ASSETS IS A FULL-TIME JOB.

WE'VE GOT THE SAVVY TO DO IT.

Fire-related downtime can be the most costly expense a business can face — the reason so many companies place a premium on fire protection. With a global sales and distribution network, the Tyco Fire Suppression Group is organized to quickly provide the equipment, system design/engineering and installation services you need to assure complete protection.

Typical applications: shopping outlets, sports complexes, transportation, restaurants, lodging, manufacturing/industrial, office/high-rise, data processing centers, telecommunications and others have come to trust the Tyco Fire Suppression Group to keep people and property safe, around the clock.

PRE-ENGINEERED SYSTEMS

- **Commercial Cooking**
 - Franchise Restaurants
 - Institutions
 - Themed Entertainment/Sports Complex
- **Industrial Dry Chemical**
 - Paint Spray Booths
 - Flammable Storage Rooms
 - Gas Service Stations
- **Non-road Mobile Equipment**
 - Mining
 - Forestry
 - Waste Processing

ENGINEERED SYSTEMS

- **Carbon Dioxide Systems**
 - High Pressure
 - Low Pressure
- **Chemical Clean Agents**
 - SAPPHIRE™
 - HFC-227ea
- **Detection & Control**
 - Analog/Addressable Panels
 - Detectors/Releasing Devices
- **Dry Chemical Systems**
 - Piped
 - Skid/Trailer/Truck
- **Inert Gas Clean Agents**
 - INERGEN®
 - i2™ and i3™
- **Twin-agent Systems**
 - Skid/Trailer
 - Truck Mount/Rapid Intervention

FIREFIGHTING FOAMS WITH AN INNOVATIVE EDGE.

No matter the fuel source, every fire requires heat, fuel and air to thrive. If you want to effectively take away all of them at once, there's no substitute for foam. The Tyco Fire Suppression Group offers a broad range of foam agents and equipment to suppress hydrocarbon, cryogenic, polar solvent and other Class A and B fires. Each creates a foam layer that blankets the fuel surface, smothering the fire and separating the flames from the fuel surface. The fuel is cooled by the foam's water content and the blanket/film layer prevents the release of flammable vapors that could re-ignite.

Typical applications: aviation, chemical/petrochemical, petroleum pipelines and refineries, industrial manufacturing, automotive, fire departments and other operations involving the transport, processing or handling of flammable liquids.

FOAM AGENTS

■ Synthetic-based Concentrates

- Class A
- Aqueous Firefighting Gels
- AFFF
- AR-AFFF

■ Protein-based Concentrates

- Protein
- Fluoroprotein
- FFFP
- AR-FFFP

■ Detergent-based Concentrates

- High Expansion

■ Specialty Products

- Concrete Foam
- Training Foam
- Vapor Mitigating Foam

PROPORTIONING EQUIPMENT

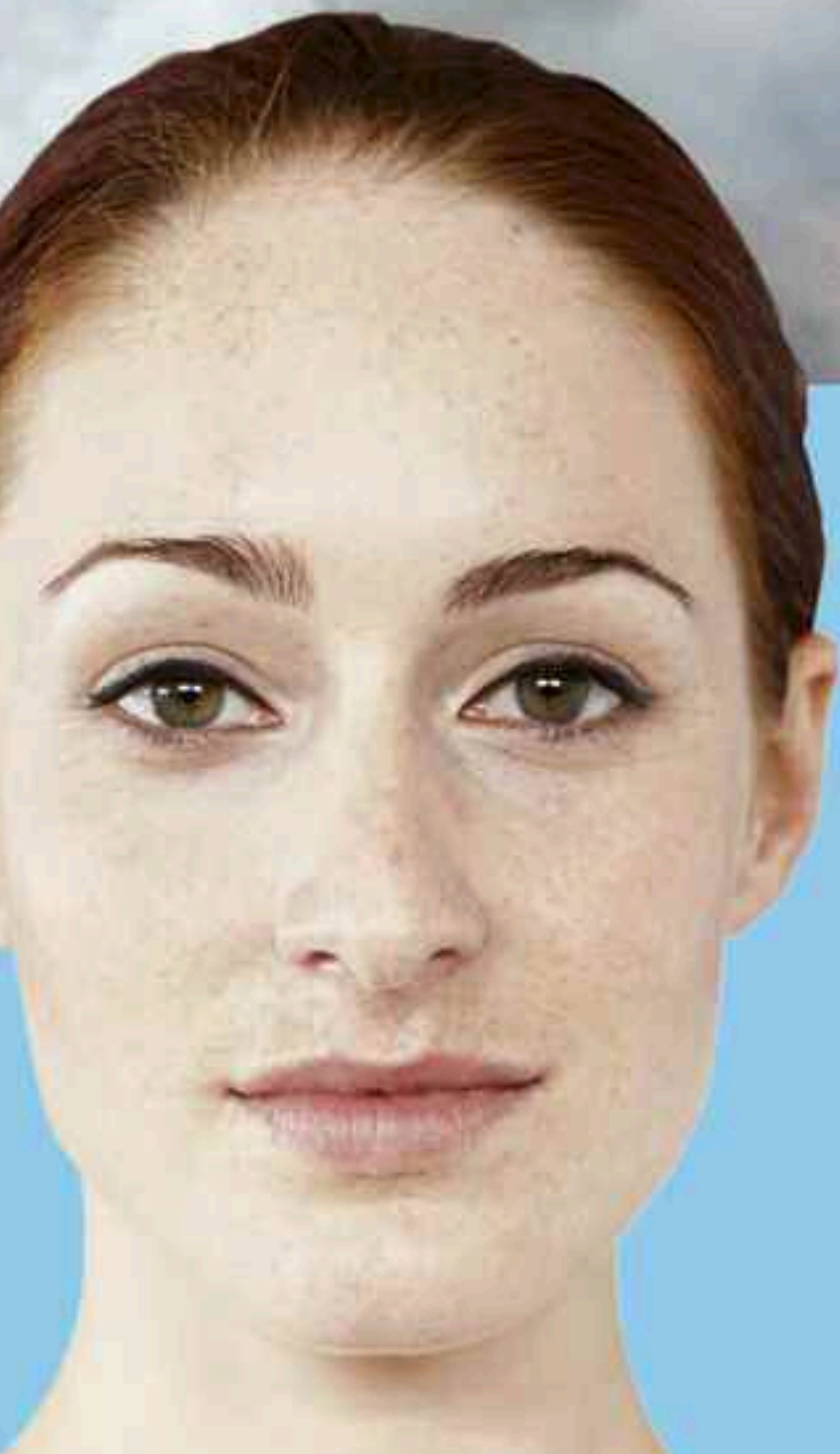
High-quality devices to introduce foam concentrate into your system's water stream, Tyco Fire Suppression Group proportioning equipment is built to exacting standards of design, performance and durability while remaining price-competitive. Products include:

- Bladder Tank Systems
- Pump/Pump Skid Systems
- High Expansion Systems
- Around-the-Pump Systems
- In-line Balanced Pressure Proportioners
- Line Proportioners

DISCHARGE DEVICES

Quickly suppressing a fire at its source requires first-rate discharge equipment. The Tyco Fire Suppression Group brings a variety of solutions to the marketplace, each designed to ensure your foam system remains a potent firefighting force under a number of difficult fire situations.

- Aspirated and Non-aspirated Sprinkler Heads
- Handline Nozzles and Monitors
- Foam Chambers and Generators
- Trailers and Carts
- Truck Mount/Rapid Intervention



FROM TREE LINES TO SKYLINES, WE'VE GOT WHAT THE FIREFIGHTER
NEEDS TO SUCCEED.

The companies of the Tyco Fire Suppression Group are a welcome presence to those charged with fighting fires in a multitude of urban, suburban and forest settings. Now united to create a more potent resource for our customers, the Fire Suppression Group gives you greater service, R&D, product choices and expertise. Your dominance over the wildland-urban interface will be total.

HOSE PRODUCTS

- Forestry
- Industrial
- Municipal

PERSONAL PROTECTIVE EQUIPMENT

- Web Gear Systems
- Hydration Systems
- Fire Shelters
- Clothing
- Helmets
- Goggles

FIREFIGHTING TOOLS

■ Pumps

- High-pressure Centrifugal
- Interchangeable Pump Heads
- Custom-made Slip-on Units
- Volume Pumps
- Skid-mounted Units

■ Discharge Devices

- Nozzles
- Valves
- Water Thieves

■ Backpacks

- Collapsible Water Bags
- Rigid Poly Tanks
- Hand Pumps
- Rapid Deployment Hose Bags

■ Other Tools

- Hand Tools
- Prescribed/Controlled Burn Systems
- Aqueous Firefighting Gels

■ Water Reservoirs

- Portable Collapsible
- Self-Supporting Frameless



EVERY CUSTOMER HAS A SPECIFIC NEED.

UNDERSTANDING THIS IS KEY.



It can be difficult to measure the qualitative value of fire protection — until you've seen the aftermath of a fire, of course. The fact is, most of us go about our daily lives without ever thinking about the damage that can be wreaked on people and property by unchecked fire. But there's another fact that should put your mind at ease: someone is.

People within the Tyco Fire Suppression Group are thinking about fires and how to stop them before they can do harm — every day, in every part of the world.

The Fire Suppression Group is part of Tyco Fire & Security, dedicated solely to creating products that suppress fires and protect people, property and the environment. Through a global portfolio of leading brands in five distinct categories — Portables; Commercial Suppression; Foam Products; Forestry; and Marine — the Fire Suppression Group is able to bring effective, market-driven suppression solutions to industrial, commercial and institutional customers around the world, based on unique, individual requirements.

Turn to Tyco's Fire Suppression Group and you'll find the brands you know and trust: ANSUL®, MACRON™, NDC, NIEDNER® and more. And along with those names comes the expertise, the research and development capabilities and the financial resources to guarantee you'll be better positioned to meet your most challenging goals.

We believe quality fire protection is absolutely vital to life. And from the smallest suppression measure to the most comprehensive protection system, the Tyco Fire Suppression Group is equipped to understand you and your fire suppression needs like no other.

Helping Make the World Safer

Tyco Fire & Security, a major segment of Tyco International Ltd., provides electronic security systems, fire protection, detection and suppression systems, sprinklers and fire extinguishers. Tyco Fire & Security is a truly global company, able to provide the products and services needed to safeguard firefighters, detect and suppress fires, deter thieves and protect people and property. Tyco Fire & Security is all about helping make the world safer.

The Americas

Tyco Safety Products
Marinette, Wisconsin, United States
Tele: +1 715 735 7411

Europe, Middle East and Africa

Tyco Safety Products
Great Yarmouth, Norfolk, United Kingdom
Tele: +44 (0) 1493 417600

Asia-Pacific

Tyco Safety Products
Singapore
Tele: +65 63199820

www.tycofsginfo.com/cat