DEFINING INNOVATION FOR FIRE PROTECTION

COMMMITTED TO CHANGING THE GAME SINCE 1919
The story behind Victaulic’s current standing as a global market leader is rich with historical significance and important technological advancements. Throughout its innovative history, the company’s enthusiasm for crafting unconventional solutions has allowed it to forge new paths as it continues to tackle the industry’s most unique challenges.

Victaulic customers have always been able to stand on the company’s commitment to quality and excellence. On behalf of Victaulic’s owners, board of directors and former and current associates, Victaulic looks forward to serving you for many years to come.

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1951 Civil Defense Test
New York City Fire Department demonstrating how quick and easy Victaulic piping systems are assembled.
THE BIG IDEA THAT IS CHANGING
1" SMALL DIAMETER

SIMPLIFY:
- Eliminate mess – no oil, shavings, tape, or dope
- Increase tool portability
- Use one pipe schedule (Schedule 10)

SAVE:
- Effort – eliminate pipe wrenches
- Up to 55% less pipe prep
- Up to 2x faster to install

CONFIRM:
- Replace threaded connections with mechanical joints
- Bolt pad to bolt pad visual confirmation
- No tool adjustment – groove within specification every time

INNOVATIVE GROOVE SYSTEM

No Oil, Shavings, Tape and Dope
For use with Sch. 40 – Sch. 10 pipe
Impact guns and no elbow injuries
Increased corrosion resistance
Minimize the potential for leaks
One-touch tool actuation
Visual Inspection – Improved system durability
Installs in minutes

firelockIGS.com
Cold forms the unique Victaulic IGS groove profile
Hands-free process allows grooving operation to be completed in under four seconds
Eliminates adjustment and need to measure the groove
Installation-Ready™ from 1 – 12" | DN25 – DN300

**Style 009N**
FireLock™ Two-Bolt Installation-Ready™
Rigid Coupling
1¼ – 12" | DN32 – DN300

**Style 108**
FireLock™ One-Bolt Installation-Ready™
Coupling
1" | DN25

**Style 109**
FireLock™ One-Bolt Installation-Ready™
Coupling
1¼ – 2" | DN32 – 73.0mm

- Added confidence of single pad to pad visual confirmation
- Still no torque requirement
- Up to 6 times faster to install than traditional couplings
- Easy fit-up overhead with a two-piece housing
- One-bolt design eliminates alternating during tightening

Defining Innovation Since 1919

victaulic.com/style109
FIRELOCK
™
INSTALLATION-READY
™
FITTINGS

THE MOST INNOVATIVE CHANGE TO
FIRE PROTECTION FITTINGS SINCE VICTAULIC
ORIGINATED THE GROOVED CONCEPT.

firelockfittings.com

NO LOOSE PARTS

- Eliminate the time needed to look
  for an extra coupling or bolt
- Reduce the number of times up
  and down the ladder or lift

15 ready-to-install fittings

260 loose parts
VicFlex™ is the clear choice for fast, dependable sprinkler installation.

vicflex.com
STYLE AB11 BRACKET FOR LOW PROFILE INSTALLATIONS
• Installs in spaces with clearances down to 6" | 150 mm total takeout
• FM Approved and cULus Listed
• For use with 90° low profile elbows for easy install

STYLE AB12 BRACKET FOR LOW PROFILE INSTALLATIONS
• Designed to work from 36" | 914 mm down to 4" | 100 mm clearance from face of ceiling
• Standardized opening accepts 3/8" | M10 standard threaded rod
When flexible fitting technology meets dry sprinkler technology, the result is simpler, safer sprinkler systems from Victaulic.

- Applicable wherever dry sprinklers are currently installed such as — multi-family residential, balconies and breezeways, data centers, parking garages, assisted living facilities
- Meets NFPA 13 Installation Requirements for Dry Sprinklers
- 2" cULus bend radius

VICFLEX™ STYLE VS1 DRY SPRINKLER

Available Lengths
Maximum (4) 90° Bends

<table>
<thead>
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<th>Length</th>
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victaulic.com
Defining Innovation Since 1919

SPRINKLER FITTING SYSTEMS

WORK SMARTER, NOT HARDER.

BENEFITS
• Simple, One-Person Installation. Easy Indication of Vertical and Frame Arm Alignment from Above.
• Eliminate Guesswork. No Measuring or Multiple Trips to the Cooler.
• Combats Differential Movement. Industry Leading Seal Integrity Stays Intact, Protecting Against Condensation.
• Flexible, Adjustable, and Adaptable. Fits Any Ceiling or Wall Thickness While Sealing to a Variety of Surfaces.

SUPERIOR COLD STORAGE PROTECTION
Victaulic offers an off-the-truck solution for cold storage applications that removes the guesswork of using hard pipe while also improving seal integrity. Whether it is a new project or a retrofit, using the VicFlex™ Style AB6 Bracket makes installation a one-person job and reduces the risk of condensation impeding the system.

VICFLEX™ STYLE AB6 BRACKET FOR COLD STORAGE

victaulic.com
Style V9 Sprinkler Coupling

• Zero sprinkler prep
  eliminate tape and dope
• Eliminate sprinkler wrenches
  reducing injury from repeated
  strenuous motion
• Visual inspection of proper
  installation no additional
  torque for frame alignment
• Standardize on 1" FireLock™
  IGS outlets coupling transitions
  to 3/4", 1/2", and 1/4" sprinklers

“REALISTICALLY YOU DON'T HAVE TO PREP
ANYMORE, IT COMES IN A BOX AND YOU
JUST START INSTALLING IT ON THE PIPE”
Purchasing Agent

IT’S EASY –
STAY IN THE AIR, STAY PRODUCTIVE.
Victaulic now offers solutions that
eliminate prep work on the ground
and keep installers in the air. But
initial installation isn’t the only
thing that determines productivity,
it’s the rework required as well.
Utilizing mechanical connections
where possible instead of threaded
connections ensures less downtime
from leaks.
Simplified Maintenance
REFERENCE MATERIAL AT YOUR FINGERTIPS
First of its kind in the industry, instantaneously access up-to-date instructions directly from your mobile device. A quick scan is between you and installation, set-up and maintenance videos, or a call to Victaulic Customer Service.

EVERYTHING DESIGNED WITH YOU IN MIND
Reorganized installation instructions are clear and direct. Never mix-up a strainer again, specifically designed threads only fit in their specific manifold.

READILY ACCESSIBLE TRIM
All trim components are located on either side of the valve, and labeled clearly. No more reaching, or guesswork.

Simplified Maintenance
STREAMLINED SET-UP.
AS EASY AS

LEFT EQUALS AIR.
RIGHT EQUALS WATER.
NO CONFUSION.

Series 768N
- Dry Valve

Series 769N
- Deluge Electric
- Deluge Dry Pilot
- Deluge Wet Pilot

Series 769N
- Preaction Electric
- Preaction Single Interlock Pneumatic
- Preaction Non-Interlock Pneumatic
- Preaction Double Interlock Pneumatic/Electric
- Preaction Double Interlock Pneumatic

FIRELOCK NXT™
AUTOMATIC VALVE SYSTEMS

Defining Innovation Since 1919
victaulic.com
PB-400 REV G
Through our exclusive partnership with Bermad, Victaulic now offers innovative solutions for the control and management of fire protection systems specifically as it relates to water supply and pressure control.

Designing fire protection systems for high-rise and high-demand buildings presents a unique set of challenges, all of which can be addressed by leveraging Bermad’s product and technical expertise along with Victaulic’s extensive system knowledge and support.

HYDRAULIC CONTROL SOLUTIONS

Defining Innovation Since 1919

VICTAULIC® SERIES 800Y HYDRAULIC CONTROL VALVE FAMILY

Regardless of application, dependable operation and ease of service are important to your bottom line. Hydraulic control valves with improved flow capacity, decreased water hammer and simplified maintenance can increase operating life and reduce total cost of ownership for the fire protection system. Victaulic’s advanced valve design does exactly that.

- Obstruction-free design increases flow capacity by up to 40% ($C_v = \text{up to 3,801}$)
- No water hammer at closing — smooth, cushioned operation improves operating life and eliminates noise
- Highest cULus Listed and FM Approved pressure rating for pressure reducing and pressure relief applications — 365 psi | 2517 kPa | 25 bar
- Up to eight times faster, simplified maintenance due to rolling elastomeric diaphragm design and 4-bolt cover removal
- Industry-first and industry-leading flow stability without an anti-cavitation accessory required

Adaptable Trim
Consistent valve body with multiple functions based on different trim configurations
The Series 745 Fire-Pac is the ideal option for installation of Victaulic® FireLock NXT™ dry, deluge or preaction systems — especially when systems are:

- Located in high traffic areas
- Installed in series and share common supply and drain lines
- Designed in zoned control areas

Defining Innovation Since 1919

MAXIMIZE BILLABLE SPACE
HYBRID FIRE EXTINGUISHING SYSTEM

Victaulic Vortex™ hybrid technology, utilizing both water and nitrogen, extinguishes via heat absorption and oxygen deprivation.

victaulicvortex.com
DESIGNED TO BE BURIED

THE FASTEST WAY TO JOIN HDPE PIPE — NO IFS, ANDS, OR BUTTS.

victaulic.com/hdpesolutions

INSTALLS UP TO 10X FASTER
Join HDPE pipe in half the time it takes to fuse a joint. Forget the fusion equipment. Gone are the days of waiting for plastic to heat up just to cool down. Installing in tight or vertical spaces has never been easier; Victaulic’s system solution for HDPE pipe goes where no fusion machine has gone before. That’s time savings you’ve never seen before.

INSTALLATION IS WEATHER INDEPENDENT
Whether it’s rain, shine, or just downright frigid and fierce, Victaulic® products for HDPE pipe can be installed. No need to check the weather forecast and worry about protection for fusion equipment or project delays any longer.

MEETS OR EXCEEDS PRESSURE RATINGS OF HDPE PIPE
If you thought your fused joint was tough, check out Victaulic HDPE product performance. Small diameter solutions call for dual rows of razor-sharp teeth that sink into the O.D. of HDPE pipe, forming a sealed hold that never lets go. Bringing out the big guns? Large diameter solutions enlist a rugged double groove to seal the deal. Push it, pull it, and drag it to the max; treat it the same way you would treat fused pipe.

INSTALLS WITH SIMPLE TOOLS
No need to set up your fancy fusion machine because all you will need with Victaulic’s system solution for HDPE pipe is a simple socket wrench. If you want to get crazy, a cordless impact driver will do the job, too! Don’t worry about training certificates or learning how to use fusion equipment, just stick with the basics.
COATINGS
Victaulic provides a range of corrosion resistant solutions for life safety systems. Pictured here is a Style 009N coupling featuring Installation-Ready™ technology with an optional galvanized coating and stainless steel fasteners.

VC-250
Developed by Victaulic, the VC-250 is a proprietary UL/FM Approved, nickel based, multilayer corrosion resistant coating that fully encompasses each component of the sprinkler.

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CORROSION RESISTANT COATINGS
DESIGNED FOR DURABILITY

ENDSEAL™ COUPLING
For use on tank farms, fuel storage, and chemical facilities, the Gasket T607 used with the Victaulic EndSeal coupling has been tested and approved to the API607 standard.

The American Petroleum Institute Standard 607 provides test conditions used to evaluate materials exposed to the stringent conditions set forth by fire protection authorities in the protection of petroleum processing facilities.

FIRELOCK™ FIRE-PAC VALVE CABINETS
With more options available than ever before each Fire-Pac System is completely unique.

• Weatherproofing to NEMA 4 standards
• Pipe feed and drain can be located on the left, right or bottom panels
• Insulation and heating components available down to a minimum ambient temperature of 20°F / -6°C
• Compressor and nitrogen fill kit options
• Panel design options now including an addressable panel capable of networking with other intelligent devices
• Special cabinet color option

victaulic.com
Victaulic Tools for Revit™ provides an intuitive set of tools that are purposely built to improve pipe routing functionality in Autodesk Revit. It’s specifically designed to meet the needs of engineers and contractors – giving you smart tools to route piping accurately and efficiently.

victaulicsoftware.com
Since 1919, when Victaulic's first patent was filed, customers have always been able to stand on the company's commitment to quality and excellence. A century later, it’s difficult to imagine a world without Victaulic. From the world’s tallest building to its deepest mine, the company has evolved through a fierce determination to meet and surpass customer needs in the fields of building services, clean water and wastewater, fire protection, industrial construction, maritime, mining, oil, gas and chemical, and power generation.

Over the last 100 years Victaulic has solved the toughest challenges for its customers and set new standards for the industry.

A New York fireboat pumped water from the Hudson River through 1,000 ft | 305 m of 8” | DN200 lightweight pipe that rookie fire crews had assembled with Victaulic couplings. In 1952, Underwriters’ Laboratories (UL) approved Victaulic’s couplings and fittings for use with fire protection systems.
Creating innovative solutions for the construction industry marks Victaulic’s approach—an approach which we intend to maintain and commit to for the next 100 years. Innovation has always been Victaulic’s hallmark, in turn producing elegant solutions. Victaulic’s intellectual property, with more than 2,000 patents granted, is the largest in the mechanical pipe joining industry. A crucial differentiator for Victaulic, inventing and applying technologies that exceed customer and industry expectations will drive future growth. Victaulic, the world leader in grooved mechanical pipe joining systems, has shaped the course of history.