



SPRINKLER FITTING SYSTEMS

FLEXIBLE FITTINGS

SUSPENDED CEILING

HARD-LID CEILING

> SPECIALTY APPLICATIONS

PRE-ASSEMBLED SYSTEMS

VICFLEX™ DRY SPRINKLER STYLE VS1



REVOLUTIONARY FREEZE PROTECTION





SPRINKLER FITTING SYSTEMS

SIMPLER AND SAFER SPRINKLER SYSTEMS

FLEXIBLE TECHNOLOGY...

Annular corrugation for 100% kink resistance and 2" UL bend radius

Braided protection allows for unmatched flexibility



1 Sprinkler activated utilizing thermal bulb

AVAILABLE BRACKETS

VB1
Wood and Metal Stud or Joist



VB2
Recessed Pendent, Suspended Ceilings



VB3
Concealed Pendent, Suspended Ceilings

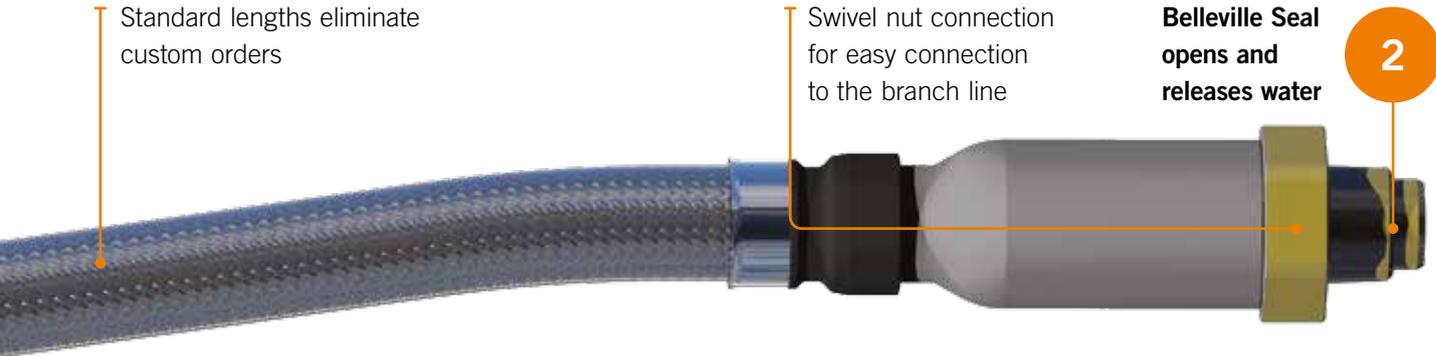


Standard lengths eliminate custom orders

Swivel nut connection for easy connection to the branch line

Belleville Seal opens and releases water

2



...MEETS DRY SPRINKLER TECHNOLOGY.

AVAILABLE SPRINKLERS

K5.6 Commercial Quick Response and Standard Response



Flat Plate
Concealed
Pendant



Recessed
Pendant



Sleeve and
Skirt Pendant

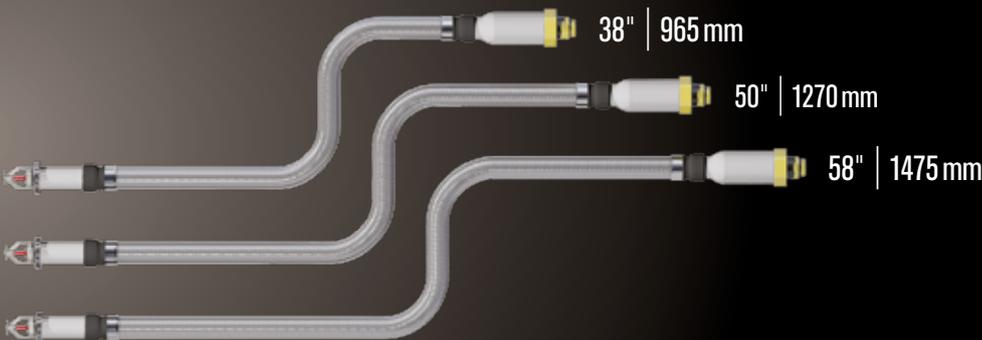


Recessed
Sidewall



Sleeve and
Skirt Sidewall

AVAILABLE LENGTHS | Maximum (4) 90° Bends





SPRINKLER FITTING SYSTEMS

BRINGING DRY SPRINKLER TECHNOLOGY

IN FROM THE COLD

Imagine no longer worrying about frozen pipes and impaired systems.



WATER AND COLD DON'T MIX. THEY CREATE ICE.

Increase sprinkler length within conditioned spaces, and move water further from freezing conditions. Improve safety and reduce headaches by eliminating frozen and burst pipes.



INCREASE SPRINKLER SYSTEM SAFETY AND PERFORMANCE.

Reduced freeze-ups means fewer impaired systems, displaced tenants, and repair work.



THREE CONVENIENT LENGTHS

Eliminate custom field measurements and return trips for re-measuring with the convenience of standard stock, and with peace-of-mind that installation meets NFPA requirements.

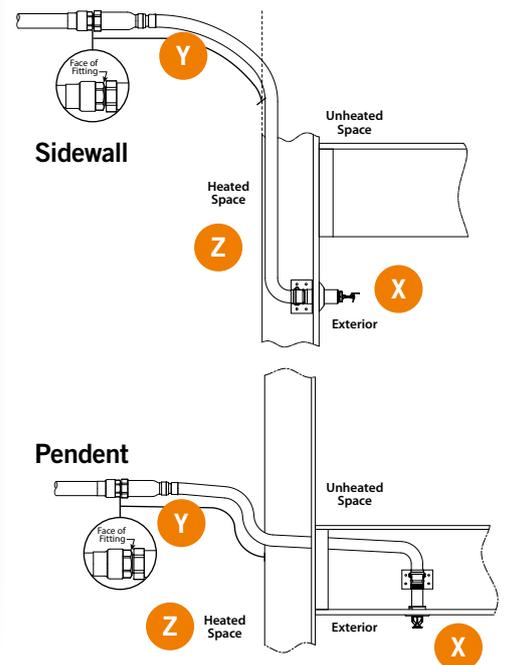
MEETS NFPA 13 INSTALLATION REQUIREMENTS FOR DRY SPRINKLERS.

VICFLEX™ DRY SPRINKLER ACCOMMODATES FOR EVEN THE TOUGHEST CONDITIONS PRESENTED IN THE NFPA EXPOSED MINIMUM BARREL LENGTH CHART.

[Download submittal 10.91](#)
for complete information

X Ambient Temperature Exposed to Discharge End of Sprinkler	Z Ambient Temperature of Heated Space		
	40°F 4°C	50°F 10°C	60°F 16°C
	Y Exposed Minimum Barrel Length		
°F	inches		
°C	mm		
40	0	0	0
4	0	0	0
30	0	0	0
-1	0	0	0
20	4	0	0
-7	100	0	0
10	8	1	0
-12	200	25	0
0	12	3	0
-18	300	75	0
-10	14	4	1
-23	350	100	25
-20	14	6	3
-29	350	150	75
-30	16	8	4
-34	400	200	100
-40	18	8	4
-40	450	200	100
-50	20	10	6
-46	500	250	150
-60	20	10	6
-51	500	250	150

VicFlex flexible technology allows for simple installation that meets or exceeds NFPA 13 installation requirements. No longer worry if the installation is ¼" | 6 mm or 4" | 100 mm too short.



2016 Edition NFPA 13: Table 8.4.9.1(a) and (b) Exposed Barrel Lengths for Dry Sprinklers



LONGER SPRINKLER BARREL LENGTHS AND A TIGHT BEND RADIUS MEANS PENDENT INSTALLATIONS ARE A REALITY.



SPRINKLER FITTING SYSTEMS

“THERE’S NOTHING BETTER THAN HAVING EVERYTHING ALREADY IN YOUR TRUCK. STANDARD PRODUCT AND STANDARD TOOLS FOR A JOB IS IDEAL.”

David Satterfield,
VSC Fire and Security

ONE ORDER. ONE VISIT.

NO HEADACHES.



The VicFlex™ swivel nut allows easy connection to the branch line.



Simple, one-piece brackets with no loose parts. Requires only one tool for the entire installation.

Step

VicFlex™ Dry Sprinklers

- | | |
|---|----------------------------------------------------|
| 1 | Order <i>VicFlex</i> Dry Sprinklers from stock |
| 2 | Install <i>VicFlex</i> Dry Sprinklers and brackets |
| 3 | Test system |

VISIT 1

Step

Traditional Dry Sprinklers

- | | |
|---|------------------------------------------------------------------------------|
| 1 | Measure each dry sprinkler length and corresponding location |
| 2 | Special order dry sprinklers |
| 3 | Days to weeks of lead time |
| 4 | Unpack and organize according to sprinkler length and corresponding location |
| 5 | Install dry sprinklers |
| 6 | Reorder dry sprinklers for discrepancies |
| 7 | Wait for second delivery of dry sprinklers |
| 8 | Complete dry sprinkler installation |
| 9 | Test system |

VISIT 1

VISIT 2

VISIT 3

- > Stockable product means no waiting for delivery and reduced coordination.
- > Order VicFlex™ Dry Sprinklers at the same time as other material.
- > Eliminate measuring and simplify ordering with three standard lengths.
- > Reduce trips to the jobsite.



SPRINKLER FITTING SYSTEMS

UNOBSTRUCTED DESIGN.



DELIVER BEAUTIFUL SPACES WITHOUT COMPROMISING ON THE QUALITY OF YOUR CRAFT

Forget about those unsightly soffits that obstruct the wide sight lines to the balcony. No one likes them, but in order to ensure the sprinkler piping would be in a conditioned/heated space, we all lived with them. Now there can be beautiful views and comfort knowing the sprinkler pipe won't freeze.

PRE-ASSEMBLED SYSTEMS

> SPECIALTY APPLICATIONS

HARD-LID CEILING

SUSPENDED CEILING

FLEXIBLE FITTINGS



ENABLES CLEAN, ATTRACTIVE ARCHITECTURE

Stop wasting time figuring out how to hide sprinkler pipe; spend time designing and building the next big job.

VicFlex™ Dry Sprinklers are both effective and hidden.



SPRINKLER FITTING SYSTEMS

TYPICAL APPLICATIONS

FOR BOTH WET AND DRY SPRINKLER SYSTEMS



Multi-Family Residential



Balconies and Breezeways



Parking Garages



Assisted Living Facilities

CASE STUDY

“EDUCATION AND FOLLOWING NFPA CODE IS KEY TO KEEPING LIVES SAFE AND PROPERTY INTACT. EVERY DRY SPRINKLER CONCERN I’VE HAD IN THE PAST HAS BEEN ANSWERED. IT JUST MAKES SENSE.”

Steve Berry,
City of Raleigh North Carolina
Assistant Fire Marshall

Veteran sprinkler contractor David Satterfield of VSC Fire and Security and Raleigh Assistant Fire Marshall Steve Berry opted for VicFlex™ VS1 Dry Sprinkler technology from Victaulic to protect a new multi-family residential building in Raleigh, North Carolina.

When choosing a dry sprinkler solution for the balcony application, several requirements were considered including NFPA 13 requirements for exposed sprinkler length, aesthetics of eliminating soffits, and reducing trips to the job site. Taking these design and installation challenges into mind it was easy for them to see the benefits of installing *VicFlex* Dry Sprinklers.

Sattersfield and Berry were present for the install, along with representatives from Victaulic, and all were impressed with the installation speed and versatility of the *VicFlex* Dry Sprinkler.

To conceal the sprinkler heads from sight on the balconies and eliminate the need for soffits, the flexible dry sprinklers were installed in a pendent orientation. The team was most impressed with the distance that the wet pipe moved back into the conditioned space, recognizing the increased safety factor of using *VicFlex* Dry Sprinklers.

When asked to describe the *VicFlex* Dry Sprinkler, David Satterfield simply replied with “No more freeze-ups.”

Everyone Wins.



Increased safety, peace-of-mind



Increased convenience



Increased design flexibility



VICTAULIC® WORLDWIDE

North and South America

UNITED STATES AND WORLD HEADQUARTERS

4901 Kesslersville Road
Easton, PA 18040 USA
1 800 PICK VIC
1 800 742 5842
(within North America)
1 610 559 3300
pickvic@victaulic.com

CANADA

123 Newkirk Road
Richmond Hill
Ontario L4C 3G5 Canada
1 905 884 7444
viccanada@victaulic.com

MEXICO

Calle Circuito del Marqués
No 8 al 11
Parque Industrial El Marqués
Municipio El Marqués
Queretaro, Mexico
CP 76246
52 442 253 0066
vicalex@victaulic.com

BRAZIL

Av. Marquês de São Vicente
446 Cj 1303
Várzea da Barra Funda –
São Paulo-SP
CEP 01139-000 – Brazil
55 11 3548 4280
vicbr@victaulic.com

Europe, Middle East, Africa and India

BELGIUM EUROPE HEADQUARTERS

Prijkelstraat 36
9810 Nazareth, Belgium
32 9 381 15 00
49 6151 9573 0
(within Germany)
viceuro@victaulic.com

UNITED KINGDOM

Units B1 & B2, SG1 Industrial Park
Cockerell Close, Gunnels Wood Road
Stevenage, Hertfordshire, UK
SG 1 2NB
44 1438 310 690
viceuro@victaulic.com

UNITED ARAB EMIRATES

FZ LIU10 AA01, AA02, AA03,
AA04 and AA05
Al Munawala Street
Jebel Ali Freezone – Southzone
PO BOX 17683
Jebel Ali, Dubai
UAE-United Arab Emirates
971 4 883 88 70
viceuro@victaulic.com

INDIA

India Land Global Industrial Park
Plot 4, Hinjewadi, Phase-1, Mulshi
Pune 411057, India
91 20 67 919 300
viceuro@victaulic.com

Asia Pacific

CHINA

Unit 808, Building B
Hongwell International Plaza
No.1602 West Zhongshan Road
Shanghai, China 200235
86 21 6021 9400
vicap@victaulic.com

KOREA

4F, Seoil Building, 1430-5,
Seocho-Dong, Seocho-Gu
Seoul, Korea 137-070
82 2 521 7235
vicap@victaulic.com

TAIWAN

No. 55, NanGong Rd, LuZhu District
TaoYuan City 338, Taiwan
886 3 222 3220
vicap@victaulic.com

AUSTRALIA AND NEW ZEALAND

7 Chambers Road
Unit 1
Altona North, Victoria
Australia 3025
1 300 PIC VIC
1 300 742 842
(within Australia)
0 508 PICK VIC
0 508 7425 842
(within New Zealand)
61 3 9392 4000
vicaust@victaulic.com

For additional locations, information and support, visit www.victaulic.com/contactus



vicflex.com



PB-VS1 9398 REV C 07/2016

Victaulic and all other Victaulic marks are the trademarks or registered trademarks of Victaulic Company, and/or its affiliated entities, in the U.S. and/or other countries. All other trademarks listed herein are the property of their respective holders, in the U.S. and/or other countries. The terms "Patented" or "Patent Pending" refer to design or utility patents or patent applications for articles and/or methods of use in the United States and/or other countries.

© 2016 VICTAULIC COMPANY. ALL RIGHTS RESERVED.

