



BlazeMaster[®]

FIRE PROTECTION SYSTEMS



Blazemaster pipes and fittings are designed specifically for fire sprinkler systems. They are made from a specialty thermoplastic known as chlorinated polyvinyl chloride (CPVC). **Blazemaster** pipe and fittings provide unique advantages in sprinkler installations including superior hydraulics in comparison to traditional metal systems, ease of joining, increased hanger spacing and ease of assembly. Additionally it is based on a technology with a continuous and proven service history of more than 30 years.

Blazemaster CPVC Fire Sprinkler System Specification



Pipe

Blazemaster CPVC Sprinkler pipe in SDR 13.5 conforms to the requirements of ASTM F442.

Fittings

Blazemaster CPVC Sprinkler fittings conform to the requirement of ASTM F438 (Schedule 40) & ASTM F439 (Schedule 80). Female threaded adapters for sprinkler head connections with brass inserts.

Solvent Cement

Blazemaster CPVC socket connections should be joined with Weld-On Blazemaster Cement which meets ASTM F493. No other cements are recommended for use with Blazemaster products and use of such non-proved welding agents will invalidate the manufacturers warranty.

Where to use Blazemaster CPVC Fire Sprinkler Piping System

Applications

- **NFPA 13** Light Hazard occupancies as defined in the Standard for Installation of Sprinkler Systems, such as Churches, Schools, Hotels, Condominiums, Hospital, Offices & High Rises.
- **NFPA 13D** Residential occupancies as defined in the Standard for Sprinkler Systems in One & Two Family Dwellings and Manufactured Homes.
- **NFPA 13R** Residential and Multi-family.
- **NFPA 90** Air plenums, as defined by the Installation of Air Conditioning & Ventilating Systems
- **NFPA 24** Underground water pressure service.



ADVANTAGES + PROVEN PERFORMANCE



Resistant to corrosion and scaling and foreign contaminant build even in salt air environments.



Greater resistance to seismic activity than copper or steel systems



Reduced installation time.



Easily repaired or modified on site



Eliminates need for torches or heat-fusion complicated techniques.



Designed to 50 year Life expectancy



Simple joining method.



Lightweight. Allows greater ease of installation.



Ensure optimal flow rate and excellent hydraulic capabilities (C-Factor of 150) that will not diminish over time. Allows for pipe downsizing & Pump rate reduction.



Little to no maintenance required.



Flammability

Blazemaster is suitable for wet, automatic fire sprinkler systems because of its excellent balance of properties such as lightweight, excellent corrosion resistance, low friction loss, and easy installation. It is unique in that it offers outstanding resistance to fire and low smoke generation.



Burning Resistance

CPVC will not sustain burning. It must be forced to burn due to its very high Limiting Oxygen Index (LOI) of 60. LOI is the percentage of oxygen needed in an atmosphere to support combustion. Since earth's atmosphere is only 21% oxygen, CPVC will not burn unless a flame is constantly applied and stops burning when the ignition source is removed.



Smoke Generation

The smoke toxicity of CPVC pipe is low compared with the common building and finish materials present in homes.

FRICTION LOSS IN PIPE

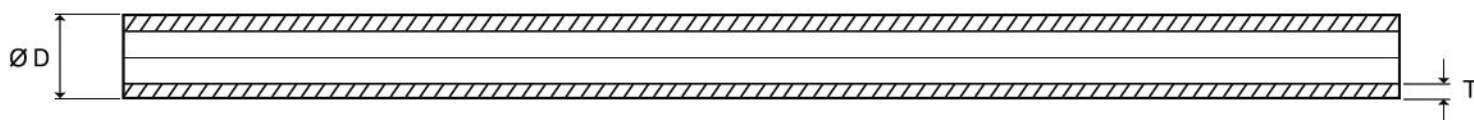


A great advantage that **Blazemaster** pipe enjoys over its metallic competitors is a smooth inner surface which is resistant to scaling and fouling. This means that friction pressure losses in the beginning and do not significantly increase as the systems ages, as can be the case with metal pipes. The values in the following fluid flow tables are based on the Hazen Williams formula and a surface roughness constant of C=150 for **Blazemaster** Pipe, providing a maximum water flow coverage.

Surface roughness constant for other piping material are given below:	Constant (C) Type of Pipe
$f = 0.2083 \left(\frac{100}{C} \right)^{1.85} \frac{g^{1.852}}{d^{4.8655}}$ Where f - friction head in feet of water per 100 feet of pipe d - inside diameter of pipe in inches g - flow rate in gallons per minute c - pipe surface roughness constant	150 CPVC Pipe, new-40 Years 130-140 Steel/Cast Iron Pipe, New 125 Steel Pipe, old 120 Cast Iron, 4-12 years old 110 Galvanized Steel/Cast Iron 13-20 Years 60-80 Cast Iron, Worn/Pitted

BLAZEMASTER CPVC PIPE RANGE

Blazemaster Pipe Dimensions (SDR 13.5) - Inches (Millimeters)

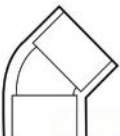


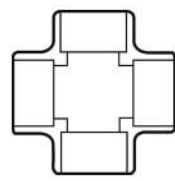
Nominal Size				Outside				Wall Thickness (T)				Allowable Water Pressure Rating at 73°F / 22.7°C
Non-UL		UL				Tolerance		Minimum		Tolerance		
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
1/2"	15			0.840	21.3	±0.004	0.10	0.062	1.57	+0.02	0.51	315 PSI (22.22 kg/cm²)
3/4"	20	3/4"	20	1.050	26.7	±0.004	0.10	0.078	1.98	+0.02	0.51	
1"	25	1"	25	1.315	33.4	±0.005	0.13	0.097	2.46	+0.02	0.51	
1-1/4"	32	1-1/4"	32	1.660	42.2	±0.005	0.13	0.123	3.12	+0.02	0.51	
1-1/2"	40	1-1/2"	40	1.900	48.2	±0.006	0.15	0.141	3.58	+0.02	0.51	
2"	50	2"	50	2.375	60.3	±0.006	0.15	0.176	4.47	+0.021	0.53	
2-1/2"	65	2-1/2"	65	2.875	73.0	±0.007	0.18	0.213	5.41	+0.026	0.66	
3"	80	3"	80	3.500	88.9	±0.008	0.20	0.259	6.58	+0.031	0.79	
4"	100			4.500	114.3	±0.009	0.23	0.333	8.46	+0.04	1.02	

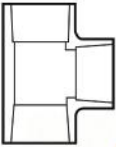
Note: SDR 13.5 (Standard Dimensional Ratio 13.5) means the ratio of outside diameter to wall thickness (ASTM F442)

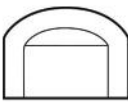
BLAZEMASTER NON-UL FITTINGS

ELBOW 90°	Size	
	in	mm
 	1/2	15
	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80
	4	100

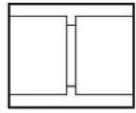
ELBOW 45°	Size	
	in	mm
 	1/2	15
	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80
	4	100

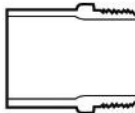
CROSS TEE	Size	
	in	mm
 	1/2	15
	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80
	4	100
	1 x 3/4	25 x 20
	1-1/2 x 1	15 x 25
	2 x 1	50 x 25
	4 x 2	100 x 50

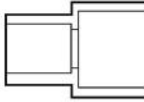
TEE	Size	
	in	mm
 	1/2	15
	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80
	4	100

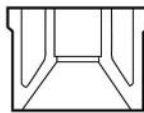
ENDCAP	Size	
	in	mm
 	1/2	15
	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80
	4	100

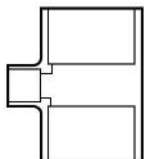
FLANGE	Size	
	in	mm
 	1/2	15
	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80
	4	100

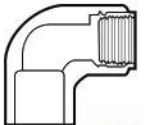
COUPLING	Size	
	in	mm
 	1/2	15
	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80
	4	100

MALE THREADED ADAPTER	Size	
	in	mm
 	1/2	15
	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80
	4	100

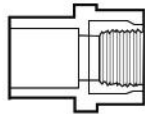
REDUCING COUPLING	Size			
	in		mm	
 	3/4 x 1/2		20 x 15	
	1 x 1/2		25 x 15	
	1 x 3/4		25 x 20	
	1-1/4 x 1/2		32 x 15	
	1-1/4 x 3/4		32 x 20	
	1-1/4 x 1		32 x 25	
	1-1/2 x 1/2		40 x 15	
	1-1/2 x 3/4		40 x 20	
	1-1/2 x 1-1/4		40 x 25	
	2 x 1/2		50 x 15	
	2 x 3/4		50 x 20	
	2 x 1		50 x 25	
	2 x 1-1/4		50 x 32	
	2 x 1-1/2		50 x 40	
	2-1/2 x 2		65 x 50	
	3 x 2		80 x 50	
	3 x 2-1/2		80 x 65	
	4 x 3		100 x 80	

BUSHING REDUCER	Size					
	in		mm		in	
 	3/4 x 1/2		20 x 15		1-1/2 x 1	
	1 x 1/2		25 x 15		1-1/2 x 1-1/4	
	1 x 3/4		25 x 20		2 x 1/2	
	1-1/4 x 1/2		32 x 15		2 x 3/4	
	1-1/4 x 3/4		32 x 20		2 x 1	
	1-1/4 x 1		32 x 25		2 x 1-1/4	
	1-1/2 x 1/2		40 x 15		2 x 1-1/2	
	1-1/2 x 3/4		40 x 20		2-1/2 x 2	
					3 x 1-1/2	
					3 x 2	
					3 x 2-1/2	
					4 x 2	
					4 x 2-1/2	
					4 x 3	

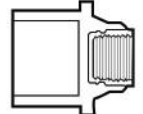
REDUCER TEE	Size					
	in	mm	in	mm	in	mm
 	3/4 x 3/4 x 1/2	20 x 20 x 15	2 x 2 x 1/2	50 x 50 x 15	3 x 3 x 1-1/4	80 x 80 x 32
	1 x 1 x 1/2	25 x 25 x 15	2 x 2 x 3/4	50 x 50 x 20	3 x 3 x 1-1/2	80 x 80 x 40
	1 x 1 x 3/4	25 x 25 x 20	2 x 2 x 1	50 x 50 x 25	3 x 3 x 2	80 x 80 x 50
	1-1/4 x 1-1/4 x 1/2	32 x 32 x 15	2 x 2 x 1-1/4	50 x 50 x 32	3 x 3 x 2-1/2	80 x 80 x 65
	1-1/4 x 1-1/4 x 3/4	32 x 32 x 20	2 x 2 x 1-1/2	50 x 50 x 40	4 x 4 x 1	100 x 100 x 25
	1-1/4 x 1-1/4 x 1	32 x 32 x 25	2-1/2 x 2-1/2 x 1	65 x 65 x 25	4 x 4 x 1-1/4	100 x 100 x 40
	1-1/2 x 1-1/2 x 1/2	40 x 40 x 15	2-1/2 x 2-1/2 x 1-1/4	65 x 65 x 32	4 x 4 x 1-1/2	100 x 100 x 50
	1-1/2 x 1-1/2 x 3/4	40 x 40 x 20	2-1/2 x 2-1/2 x 1-1/2	65 x 65 x 40	4 x 4 x 2	100 x 100 x 50
	1-1/2 x 1-1/2 x 1	40 x 40 x 25	2-1/2 x 2-1/2 x 2	65 x 65 x 50	4 x 4 x 2-1/2	100 x 100 x 65
	1-1/2 x 1-1/2 x 1-1/4	40 x 40 x 32	3 x 3 x 1	80 x 80 x 25	4 x 4 x 3	100 x 100 x 80

SPRINKLER ELBOW	Size	
	in	mm
 	1/2 x 1/2	15 x 15
	3/4 x 1/2	20 x 15
	1 x 1/2	25 x 15
	1 x 3/4	25 x 20
	1	25

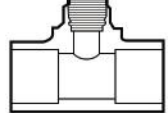
Note: Available in BSPT and NPT

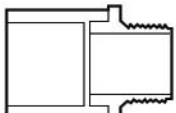
FEMALE ADAPTER	Size	
	in	mm
 	1/2	15
	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65

Note: Available in BSPT and NPT

FEMALE SPRINKLER HEAD ADAPTER	Size	
	in	mm
 	3/4 x 1/2	20 x 15
	1 x 1/2	25 x 15
	1 x 3/4	25 x 20

Note: Available in BSPT and NPT

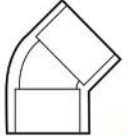
SPRINKLER HEAD TEE W/ BRASS	Size	
	in	mm
 	1/2 x 1/2	15 x 15
	3/4 x 1/2	20 x 15
	1 x 1/2	25 x 15
	1-1/4 x 1/2	32 x 15
	1-1/2 x 1/2	40 x 15
	2 x 1/2	50 x 15

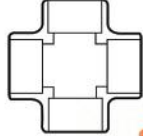
MALE ADAPTER W/ BRASS	Size	
	in	mm
 	1	25
	1-1/4	32
	1-1/2	40
	2	50

FLANGE RUBBER	Size	
	in	mm
	2	50
	2-1/2	65
	3	80

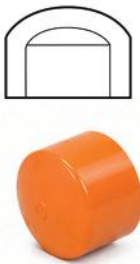
BLAZEMASTER UL FITTINGS

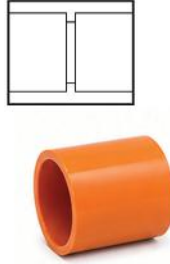
ELBOW 90°	Size	
	in	mm
 	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80

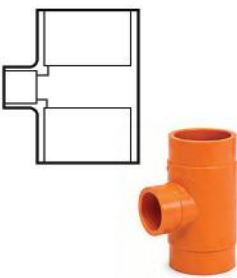
ELBOW 45°	Size	
	in	mm
 	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80

CROSS TEE	Size	
	in	mm
 	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80

TEE	Size	
	in	mm
	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80

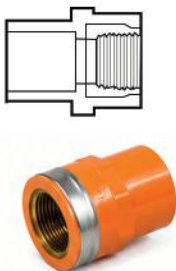
ENDCAP	Size	
	in	mm
	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65

COUPLING	Size	
	in	mm
	3/4	20
	1	25
	1-1/4	32
	1-1/2	40
	2	50
	2-1/2	65
	3	80

REDUCING TEE	Size			
	in	mm	in	mm
	1x1x3/4	25 x 25 x 20	2x2x1	50 x 50 x 25
	1-1/4x1-1/4x1/2	32 x 32 x 15	2x2x1-1/2	50 x 50 x 40
	1-1/4x1-1/4x3/4	32 x 32 x 20	2-1/2x2-1/2x1	65 x 65 x 25
	1-1/4x1-1/4x1	32 x 32 x 25	2-1/2x2-1/2x1-1/4	65 x 65 x 32
	1-1/2x1-1/2x1/2	40 x 40 x 15	2-1/2x2-1/2x1-1/2	65 x 65 x 40
	1-1/2x1-1/2x3/4	40 x 40 x 20	2-1/2x2-1/2x2	65 x 65 x 50
	1-1/2x1-1/2x1	40 x 40 x 25	3x3x2	80 x 80 x 50
	1-1/2x1-1/2x1-1/4	40 x 40 x 32	3x3x2-1/2	80 x 80 x 65
	2x2x3/4	50 x 50 x 20		

SPRINKLER ELBOW	Size	
	in	mm
	3/4 x 1/2	20 x 15
	1 x 1/2	25 x 15

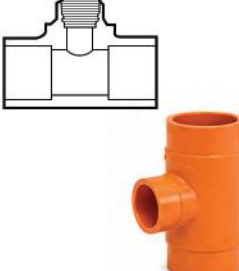
Note: Available in BSPT and NPT

FEMALE ADAPTER	Size	
	in	mm
	1	25
	1-1/4	32
	1-1/2	40
	2	50

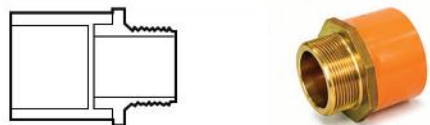
Note: Available in BSPT and NPT

SPRINKLER ADAPTER (SOCKET)	Size	
	in	mm
	3/4 x 1/2	20 x 15
	1 x 1/2	25 x 15

Note: Available in BSPT and NPT

FEMALE THREADED TEE ADAPTER (SOCKET)	Size	
	in	mm
	3/4 x 1/2	
	1 x 1/2	
	1-1/4 x 1/2	

Note: Available in BSPT and NPT

MALE ADAPTER W/ BRASS	Size	
	in	mm
	1	25
	1-1/2	40

ACCESSORIES

PIPE CUTTER	Size
	1/2" - 1-1/2" (15 - 40 MM)
ROTARY PIPE CUTTER	
	6 - 63 MM

DEBURRING TOOL	Size
	1/2" - 2"

WELD ON BLAZEMASTER CEMENT	Size
	1 PINT (16 oz.)

JOINING BLAZEMASTER CPVC FIRE SPRINKLER SYSTEM



1.) Cutting

Cut pipe squarely using a ratchet cutter, a wheel-type plastic tubing cutter, a power saw, or a fine toothed saw.



2.) Deburring

Use a chamfering tool or other tool to remove burrs and fittings from the inside and outside of the pipe.



3.) Jointing Preparation

Using a clean, dry rag, wipe loose dirt and moisture from the fitting socket and pipe end.



4.) Application of Cement

Apply solvent cement outside the Spigot of pipe using a brush or dauber.



Apply solvent cement inside the fitting socket. Do not puddle the cement in fitting.



5.) Assembling

Immediately insert the pipe into the fitting socket while rotating the pipe. 1/4 turn and hold for 30 seconds.

6.) Completed Assembly

A bead of solvent cement should be evident around the pipe and fitting juncture.



PROJECTS : LOCAL

I. Commercial & Hospital



Bohol Hennen Resort
Panglao, Bohol



Tambuli Beach Club
Mactan Island, Cebu



Grand Imperial Hotel
Iloilo City



Mandarin Plaza Hotel
Cebu City



Manila Doctor's Hospitals
Manila City



UST General Hospital
Manila City

II. Residential



Century Commonwealth
Quezon City - 22 Storeys



The Royalton
Pasig City - 64 Storeys



Viridian
San Juan City - 53 Storeys



Oceanaire
Pasay City - 17 Storeys



D University Place
Manila City - 33 Storeys



iPacific Residences
Manila City - 23 Storeys



The Imperium
Pasig City - 62 Storeys



Solano Hills
Paranaque City - 5 Storeys



Avila Tower
Quezon City
23 Storeys & 41 Storeys



Crescent Park
The Fort, BGC - 28 Storeys



Blue Sapphire Residence
The Fort BGC - 27 Storeys



The Grand Hamptons II
Taguig City - 20 Storeys



Sonora
Las Pinas City



Silay
Bacolod City



Plumera Residences
Mactan Cebu City



NEDA
Mandaluyong City



Megawide
San Juan City



Mahi Hotel
Cebu City



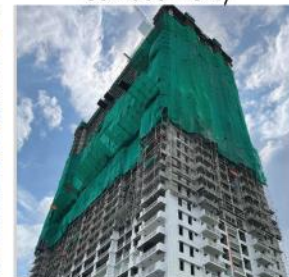
Imperial Plaza
Bayawang,
Negros Occidental



**East Glory Residences
& Suites**
Paranaque City



BIC
Baguio City



Alder
Baguio City



Acer Prime
Baguio City

PROJECTS : ABROAD

I. Residential



Brickell View West
(13 Storeys)



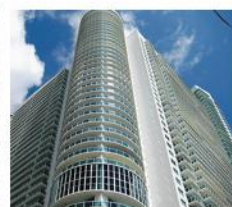
Circle On Cavill
(69 Storeys)



Solimar Condo
(12 Storeys)



5th and Madison
(24 Storeys)



1800 Club
(42 Storeys)



Marina Bay Club
(12 Storeys)

II. Hotel



**Classic Residence
by Hyatt**



**Shangri-La Hotel,
Vancouver**



**Holiday Inn Express,
West Buckhead**



**Waterfront Marriott,
Seattle**



Renaissance Hotel



Springhill Suites

III. Office & School



**State Capitol
Building Boise**



**University
of Chicago**



**Slippery Rock
University**



**Ketchikan General
Hospital**



Santa Fe Hospital



**Baptist Memorial
Hospital**

IV Hospital

OUR LATEST BUREAU OF FIRE PROTECTION MEMORANDUM



Republic of the Philippines
Department of the Interior and Local Government
Bureau of Fire Protection
NATIONAL HEADQUARTERS
Agham Road, Brgy. Bagong Pag-asa, Quezon City

**MEMORANDUM**

TO : Regional Directors, BFP Regions 1-12, ARMM, CAR CARAGA and NCR;
Director, FNTI; and Heads of Offices, BFP-National Headquarters

SUBJECT : Use of Chlorinated Polyvinyl Chloride (CPVC) Pipes and Fittings for Fire Sprinkler Systems

DATE : 21 March 2012

A number of queries have reached this Office regarding the applicability of Chlorinated Polyvinyl Chloride (CPVC) Pipes and Fittings, and its Sealant for fire sprinkler systems.

The BFP acknowledges that new pipe materials and the development of new methods for installing and joining pipes for fire sprinkler system have emerged in the country.

However, any product, technology, system and/or device intended to be used for fire safety measures in buildings, specifically for fire sprinkler systems, is permitted provided that it complies with appropriate provisions of National Fire Protection Association (NFPA), Listing Agencies such as but not limited to Underwriters Laboratories (UL), Factory Mutual (FM) Global and Loss Prevention Certification Board (LPCB), and other internationally-accepted standards, as well as supplementary and/or complimentary standards cited therein.

For CPVC Pipes and Fittings, and its Sealant, NFPA 13 series permits its use, provided that they are installed in accordance with their listing limitations, including installation instructions. On the other hand, the BFP may refer to NFPA 25 on the CPVC Water-based Fire Sprinkler System inspection, testing and maintenance.

As per NFPA 13 (Standard for the Installation of Sprinkler Systems), light hazard occupancies include occupancies having uses and conditions similar to animal shelters, churches, clubs, educational, hospitals (including animal hospitals and veterinary facilities), institutional, kennels, libraries (except large stack rooms), museums, nursing or convalescent homes, offices (including data processing), residential, restaurant seating areas, theaters and auditoriums (excluding stages and prosceniums), and unused attics. All high-rise building/structure applications are allowable subject to NFPA 13 light hazard occupancy limitations.

As per NFPA 1 (Fire Prevention Code), light hazard occupancies may include some buildings or rooms occupied as offices, classrooms, churches, assembly halls, guest room areas of hotels/motels, etc. This classification anticipates that the majority of content items are either noncombustible or so arranged that a fire is not likely to spread rapidly.

In this regard and considering the above, advise your Officers and Personnel that basically, UL-listed Chlorinated Polyvinyl Chloride (CPVC) Pipes and Fittings, and its Sealant for Fire Sprinkler Systems are applicable for light hazard occupancies as defined in NFPA 13.

Additional applications, including, but not limited to air plenum, system risers, underground, attic and garage installations, shall be referred to the CPVC manufacturer and/or design engineer as prescribed/allowed by NFPA or other internationally-accepted standards and/or listings, together with its supplementary and/or complimentary standards.

For widest dissemination and compliance.


SAMUEL R. PEREZ, CEO VI
CSUPT BFP
Officer-in-Charge/
Deputy Chief for Administration


cc : Secretary, DILG

OUR LATEST BUREAU OF FIRE PROTECTION MEMORANDUM



Republic of the Philippines
Department of the Interior and Local Government
Bureau of Fire Protection
NATIONAL HEADQUARTERS
Agham Road, Brgy. Bayang Pag-asa, Quezon City



MEMORANDUM

TO: All BFP Regional Directors
NFTI Director
Provincial/District Fire Marshals/City/Municipal Fire Marshals

SUBJECT: Limitations and Applicability of Chlorinated Polyvinyl Chloride (CPVC) Pipes and Fittings for Sprinkler System

DATE: 08 June 2015

1. The introduction of new methods and technologically-advanced equipments/gadgets in the prevention and suppression of fires have helped the agency in fulfilling its mandates effectively and efficiently. Nonetheless, any product, technology, system and/or device intended to be used for the safety measures in buildings, specifically for fire sprinkler system, still have limitations in its applications and must be regulated to ensure that safety will not be compromised and the provisions of the Fire Code will still be strictly followed.

2. Relatively, a memorandum dated 21 March 2012 was issued, to give the field units a clear and categorical guidance on the use of CPVC Pipes and Fittings for Sprinkler System, however, it seems that its provisions and/or contents have been overlooked, if not totally unaware, by the field units. Hence, the following conditions enumerated on the aforesaid memorandum are hereby reiterated and must be considered first by the local BFP offices prior to approval of applications submitted to their office:

- Any product, technology, system and/or device specifically for Fire Sprinkler System can be permitted, provided that it complies with appropriate provisions of National Fire Protection Association (NFPA), Listing Agencies such as but not limited to Underwriter Laboratories (UL), Factory Mutual (FM), Global Loss Prevention Certification Board (LPCB), and other internationally-accepted standards, as well as supplementary and/or complimentary standards cited thereon;
- For CPVC Pipes and Fittings, and its Sealant, NFPA 13 series permits its use, provided that they are installed in accordance with their listing limitations, including installation instructions. On the other hand, the BFP may refer to NFPA 25 on the CPVC Water-based Fire Sprinkler System inspection, testing and maintenance.
- As per NFPA 13 (Standard for the installation of Sprinkler System), light hazard occupancies include occupancies having uses a conditions similar to animal shelters, churches, clubs, educational, hospitals (including animal hospitals and veterinary facilities), institutional, kennels, libraries (except large stock rooms), museums, nursing or convalescent homes, offices (including data processing), residential, restaurant seating areas, theaters and auditoriums (including stages and prosceniums), and unused attics. All high-rise building/structure applications are allowable subject to NFPA 14 light hazard occupancy limitations.

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d. As per NFPA 1 (Fire Prevention Code), light hazard occupancies may include some buildings or rooms occupied as offices, classrooms, churches, assembly halls, guest room areas of hotels/motels, etc. This classification anticipates that the majorities of content items are either noncombustible or so arranged that a fire is not likely to spread rapidly.

3. Considering the above, it is worthy to note that UL-listed CPVC Pipes and Fittings, and its Sealants for Fire Sprinkler Systems are applicable for light hazard occupancies as defined in NFPA 13. Additional applications, including, but not limited to air plenum, system risers, underground attic and garage installations, shall be referred to the CPVC manufacturer and/or design engineer as prescribed/allowed by NFPA or other internationally-accepted standards and/or listings, together with supplementary and/or complimentary standards.

4. For widest dissemination and compliance

BY AUTHORITY OF THE CHIEF, BFP:


IGNACIO B. BONDONIO JR.
SSUPT (OSC) BFP
Director for Fire Safety and Prevention

OTHER BRANDS



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