

Residential Catalogue

A curated selection of products designed to meet the specific needs of the residential market



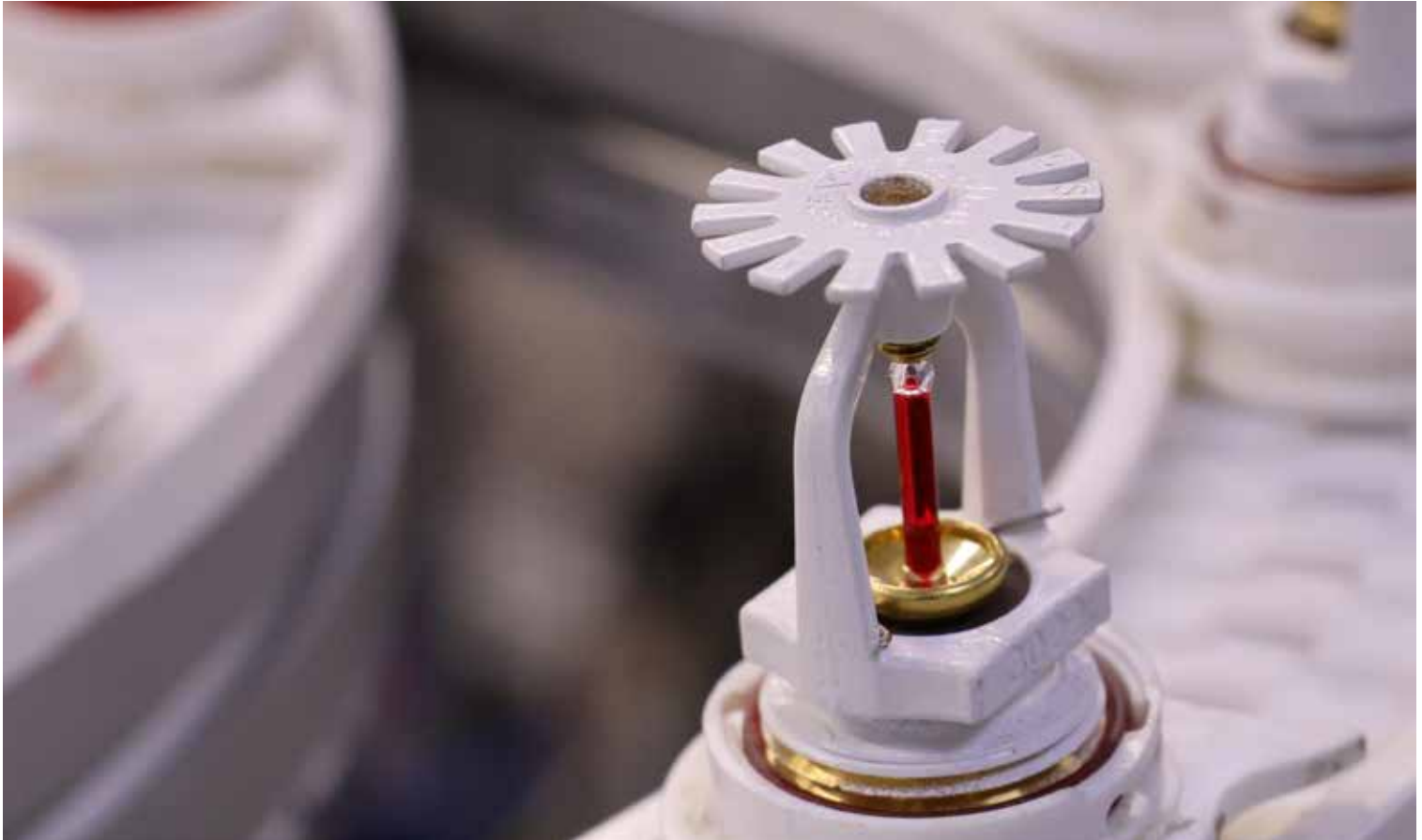
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About Rapidrop



Rapidrop Global Ltd

Rapidrop Global Limited is a leading UK manufacturer of fire sprinkler system products serving the needs of the fire detection and suppression industry. With a comprehensive product range, Rapidrop has established a world-class reputation for quality and service

As part of Rapidrop's commitment to fire safety and protecting lives, Rapidrop invests in research and development conducted at its own state of the art test facilities, one of its kind in the UK.

Dedicated to innovation and reinforcing its position in the market place, Rapidrop is focused on bringing new products to the market that makes our customers lives easier, safer and better.

The assiduous and knowledgeable team at Rapidrop are committed to providing a first-rate customer experience. We offer quality products along with exceptional service to deliver premium value to our customers.

Rapidrop has a growing fleet of delivery vehicles to further enhance the high-quality service already provided to its customers, ensuring that products are delivered to site safely on time, every time by a Rapidrop employed driver. This personal service provides the customer with peace of mind and confidence with the knowledge that projects will be completed on schedule.

The Rapidrop range of products is not limited to what is contained within this brochure. Further information about Rapidrop and our range of products can be found at www.rapidrop.com



Residential Sprinklers

PRODUCT	ORDERING CODE	DESCRIPTION	DATA SHEET NO.	BOX QTY
RD208 Flat Concealed Pendent Sprinkler 	RD208CNRES162	RD208 K4.9 (70.6) Residential Concealed Sprinkler c/w 68mm OR 83mm white cover plate, UL Listed	4.26	50
	RDRESCV140R9003	RD208 cover plate, white RAL9003 (68mm diameter)		100
	RDRESCV140R900383	RD208 cover plate, white RAL9003 (83mm diameter)		50
	RDSOCKETFQR208	Sprinkler socket to suit RD208 / RD207 sprinkler head		1
	RD3002T016	3/8 square drive ratchet to suit sprinkler installation sockets		1
RD207 Flat Concealed Pendent Sprinkler (Low Flow) 	RD207CNRES162W	RD207 Low Flow K3.0 (43) Residential Concealed Sprinkler c/w 68mm OR 83mm white cover plate, UL Listed	4.24	50
	RDRESCV140R9003	RD207 cover plate, white RAL9003 (68mm diameter)		100
	RDRESCV140R900383	RD207 cover plate, white RAL9003 (83mm diameter)		50
RD205 Flat Concealed Pendent Sprinkler 	RD205CNRES162W	RD205 K4.9 (70.6) Residential Concealed Sprinkler c/w white cover plate, UL Listed	4.16	100
	RDCNCOV140R9003	RD205 cover plate, white RAL9003 (60mm diameter)		100
	RDCNCOV140C	RD205 cover plate, chrome (60mm diameter)		10
	RDSOCKETFQR	Installation socket for RD205		100
RD203 Flush Pendent Side-Wall Sprinkler 	RD203HFRES162W	RD203 K4.2 (60) Residential Flush Pendant side-wall c/w rosette	4.15	50
	RDESC203R9003	Rosette to suit RD203, white RAL9003		50
RD201 Flush Pendent Sprinkler 	RD201ZNRES162W	K4.2 (60) Residential Flush Pendant c/w rosette	4.14	50
	RDESC201R9003	Rosette to suit RD201, white RAL9003		50

Special RAL colours available on request



Residential Sprinklers RD208 / RD207 Flat Concealed Pendent Sprinkler

The Unique Protective Cap Provides Protection From Start To Finish



The unique protective cap is designed to stay on throughout the entire installation, ensuring the sprinkler head remains protected at all times, this saves a great amount of time as it eliminates the need to remove or restore the protective cap. No more time and money wasted on returning to a job site to secure flimsy caps if they have fallen off or replace damaged sprinkler heads.

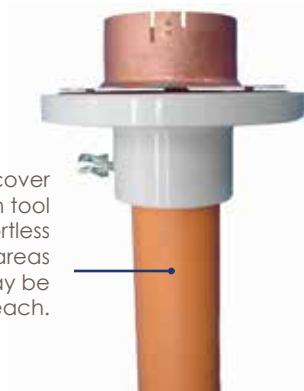
The tolerance limit provides a visual indication as to where the sprinkler head should sit within the ceiling, this removes the need for measuring or removal of the cap. Installing the sprinkler head within the tolerance limit will ensure the cover plate sits flush against the ceiling.



Recyclable
Cap



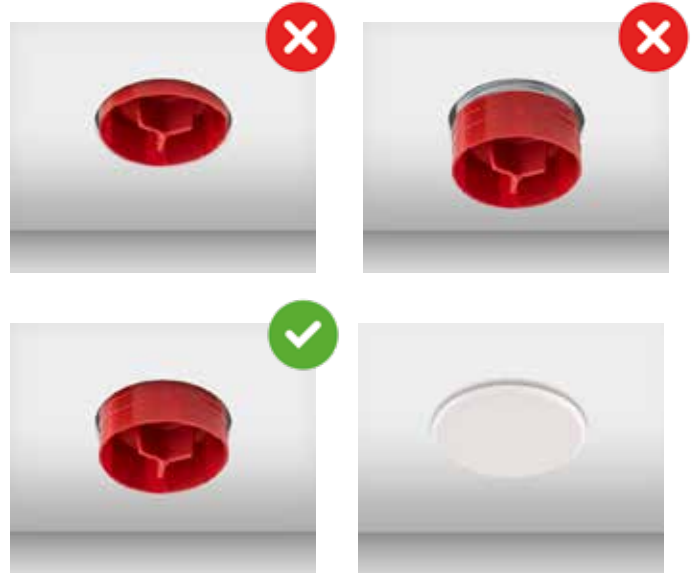
Socket for
wrench



The magnetic cover plate installation tool ensures effortless installation in areas where ceilings may be difficult to reach.



The cap removal tool provides quick and easy removal of the protective cap



RD208 / RD207 Residential Sprinkler

- UL listed
- RD208 K4.9 (K70), 1/2" NPT
- RD207 (Low Flow) K3.0 (K43), 1/2" NPT
- Compact size: Lay flat 68mm and 83mm cover plate
- Standard white, black & chrome cover plates available from stock
- Cover plates can be customised, choose any RAL colour or select a wood grain finish
- Cover plate easy to install and adjust, simply push/twist on and off



Monitored Residential Riser Test and Drain Valve Pre-wired with Model 120 Ball Valve



Monitored Residential Riser Test and Drain Valve

Innovation is at the heart of Rapidrop's Monitored Residential Riser Test and Drain Valve. Supplied pre-wired with the Model 120 ball valve, our product was designed to meet the requirements of BS9251:2021 and for use in all domestic and residential properties. Commonly used in residential systems as a zone or control valve, the residential riser offers a contactless tamper switch which is monitoring the fully open position of the valve allowing it to send a signal to your integrated monitoring system if the valve is being tampered with.



Features







- Monitored full bore isolation valve to meet the requirements of
- BS 9251: 2021
- Potter vane type flow switch, model VSR-S-EU, LPCB approved as per BS EN 12259-5
- Flow and monitoring switches prewired for quick and easy installation.
- Lockable isolation valve with padlock locking pin - allows using any size leather strap/padlock up to 5.5mm
- Dual ports enable the flow switch to be mounted on either side (Right handed version standard, specify left handed when ordering if required)
- Full bore test valve
- Factory fitted 18 bar Glycerin filled pressure gauge equipped with isolation valve which allows replacement of the gauge without draining the system.
- Compact and space saving design, quick and easy installation/wiring
- Fully compatible with CPVC fire sprinkler systems





PRODUCT	ORDERING CODE	DESCRIPTION	DATA SHEET NO.	BOX QTY
Monitored Residential Riser Valve with Model 120 Ball Valve 	RDMPWRESI1 20025	1" (25mm) Monitored Residential Riser Valve with Model 120 Ball Valve	7.17	1
	RDMPWRESI1 20032	1 ¼" (32mm) Monitored Residential Riser Valve with Model 120 Ball Valve		1
	RDMPWRESI1 20040	1 ½" (40mm) Monitored Residential Riser Valve with Model 120 Ball Valve		1
	RDMPWRESI1 20050	2" (50mm) Monitored Residential Riser Valve with Model 120 Ball Valve		1
Monitored Ball Valve Model 120 	RD120MBV025	1" (25mm) Monitored Ball Valve Model 120	7.18	1
	RD120MBV032	1 ¼" (32mm) Monitored Ball Valve Model 120		1
	RD120MBV040	1 ½" (40mm) Monitored Ball Valve Model 120		1
	RD120MBV050	2" (50mm) Monitored Ball Valve Model 120		1
	RD120MBV065	2 ½" (65mm) Monitored Ball Valve Model 120		1



Residential Sprinkler System Equipment

PRODUCT	ORDERING CODE	DESCRIPTION	DATA SHEET NO.	BOX QTY
Single PDV Control Box 	RDPDVBOXLATCH	Control Box - Single Priority Demand Valve Systems	7.22	1
Multiple PDV Control Box 	RDPDVBOXLATCHSM	Control Box - Multiple Priority Demand Valve Systems	7.22	1
	RDPDV-PSU	Multiple Priority Demand Valve Power Supply Unit		1
Priority Demand Valve (PDV)   Ball Valve  Butterfly Valve	RDPDV-02-025BLV2	1" (25mm) single PDV system with Ball Valve	7.22	1
	RDPDV-02-032BLV2	1 ¼" (32mm) single PDV system with Ball Valve		1
	RDPDV-02-040BLV2	1 ½" (40mm) single PDV system with Ball Valve		1
	RDPDV-02-050BLV2	2" (50mm) single PDV system with Ball Valve		1
	RDPDV-02-050V2	2" (50mm) single PDV system with Butterfly Valve		1
	RDPDV-02-065V2	2 ½" (65mm) single PDV system with Butterfly Valve		1
	RDPDV-02-080V2	3" (80mm) single PDV system with Butterfly Valve		1
	RDPDV-02-100V2	4" (100mm) single PDV system with Butterfly Valve		1
	RDPDV-02-125V2	5" (125mm) single PDV system with Butterfly Valve		1
	RDPDV-02-150V2	6" (150mm) single PDV system with Butterfly Valve		1
	RDPDV-02-200V2	8" (200mm) single PDV system with Butterfly Valve		1
	RDPDV-02-025BLV2SM	1" (25mm) Multiple PDV system with Ball Valve		1
	RDPDV-02-032BLV2SM	1 ¼" (32mm) Multiple PDV system with Ball Valve		1
	RDPDV-02-040BLV2SM	1 ½" (40mm) Multiple PDV system with Ball Valve		1
	RDPDV-02-050BLV2SM	2" (50mm) Multiple PDV system with Ball Valve		1
	RDPDV-02-050V2SM	2" (50mm) Multiple PDV system with Butterfly Valve		1
	RDPDV-02-065V2SM	2 ½" (65mm) Multiple PDV system with Butterfly Valve		1
	RDPDV-02-080V2SM	3" (80mm) Multiple PDV system with Butterfly Valve		1
	RDPDV-02-100V2SM	4" (100mm) Multiple PDV system with Butterfly Valve		1
	RDPDV-02-125V2SM	5" (125mm) Multiple PDV system with Butterfly Valve		1
RDPDV-02-150V2SM	6" (150mm) Multiple PDV system with Butterfly Valve	1		
RDPDV-02-200V2SM	8" (200mm) Multiple PDV system with Butterfly Valve	1		

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	DATA SHEET NO.	BOX QTY
Double Check Valve   Single version also available	RDDCV25WRAS	1" (25mm) WRAS approved double check valve	1.55	1
	RDDCV32WRAS	1 ¼" (32mm) WRAS approved double check valve		1
	RDDCV40WRAS	1 ½" (40mm) WRAS approved double check valve		1
	RDDCV50WRAS	2" (50mm) WRAS approved double check valve		1
Dual Port Residential Valve Set  Flow Switch sold separately	RDRESI025DPNLC	1" (25mm) Dual Port, Residential valve set c/w locking ball valve & pressure gauge, no loss connector	7.06 & 7.16	1
	RDRESI032DPNLC	1 ¼" (32mm) Dual Port, Residential valve set c/w locking ball valve & pressure gauge, no loss connector		1
	RDRESI040DPNLC	1 ½" (40mm) Dual Port, Residential valve set c/w locking ball valve & pressure gauge, no loss connector		1
	RDRESI050DPNLC	2" (50mm) Dual Port, Residential valve set c/w locking ball valve & pressure gauge, no loss connector		1
VSR-S (EU) Water Flow Switch 	RDVSR-S-EU	Potter VSR-S (EU) Vane Type Water Flow Switch	2.15	1
CPVC Adaptor NPT 	RD4236-010NPT	1" (25mm) CPVC adaptor with metal NPT male thread	-	1
	RD4236-012NPT	1 ¼" (32mm) CPVC adaptor with metal NPT male thread		1
	RD4236-015NPT	1 ½" (40mm) CPVC adaptor with metal NPT male thread		1
	RD4236-020NPT	2" (50mm) CPVC adaptor with metal NPT male thread		1
CPVC Adaptor BSP 	RD4236-010BT	1" (25mm) CPVC adaptor with metal BSP male thread	-	1
	RD4236-012BT	1 ¼" (32mm) CPVC adaptor with metal BSP male thread		1
	RD4236-015BT	1 ½" (40mm) CPVC adaptor with metal BSP male thread		1
	RD4236-020BT	2" (50mm) CPVC adaptor with metal BSP male thread		1

PRODUCT	ORDERING CODE	DESCRIPTION	DATA SHEET NO.	BOX QTY
Bronze Butterfly Valve 	RD202-025	1" (25mm) Monitored Butterfly Valve FM/UL	1.62	1
	RD202-032	1 ¼" (32mm) Monitored Butterfly Valve FM/UL		1
	RD202-040	1 ½" (40mm) Monitored Butterfly Valve FM/UL		1
	RD202-050	2" (50mm) Monitored Butterfly Valve FM/UL		1
Lockable Ball Valve 	RDLBV015SWRAS	½" (15mm) WRAS approved BSP threaded lockable lever ball valve, PN40	1.33	1
	RDLBV020SWRAS	¾" (20mm) WRAS approved BSP threaded lockable lever ball valve, PN40		1
	RDLBV025SWRAS	1" (25mm) WRAS approved BSP threaded lockable lever ball valve, PN40		1
	RDLBV032SWRAS	1 ¼" (32mm) WRAS approved BSP threaded lockable lever ball valve, PN25		1
	RDLBV040SWRAS	1 ½" (40mm) WRAS approved BSP threaded lockable lever ball valve, PN25		1
	RDLBV050SWRAS	2" (50mm) WRAS approved BSP threaded lockable lever ball valve, PN25		1
	RDPAD25WRAS	25mm Padlock to fit to lever lockable ball valve		1
Threaded Gate Valve  	RDGVB015S	WRAS approved ½" (15mm) brass BSP threaded gate valve, PN20	1.34	1
	RDGVB020S	WRAS approved ¾" (20mm) brass BSP threaded gate valve, PN20		1
	RDGVB025S	WRAS approved 1" (25mm) brass BSP threaded gate valve, PN20		1
	RDGVB032S	WRAS approved 1 ¼" (32mm) brass BSP threaded gate valve, PN20		1
	RDGVB040S	WRAS approved 1 ½" (40mm) brass BSP threaded gate valve, PN20		1
	RDGVB050S	WRAS approved 2" (50mm) brass BSP threaded gate valve, PN20		1
	RDGVB015SPN25	WRAS approved ½" (15mm) brass BSP threaded gate valve, PN25		1
	RDGVB020SPN25	WRAS approved ¾" (20mm) brass BSP threaded gate valve, PN25		1
	RDGVB025SPN25	WRAS approved 1" (25mm) brass BSP threaded gate valve, PN25		1
	RDGVB032SPN25	WRAS approved 1 ¼" (32mm) brass BSP threaded gate valve, PN25		1
	RDGVB040SPN25	WRAS approved 1 ½" (40mm) brass BSP threaded gate valve, PN25		1
	RDGVB050SPN25	WRAS approved 2" (50mm) brass BSP threaded gate valve, PN25		1

FloWatch

Take full control of your fire sprinkler monitoring requirements with FloWatch. The only specifically designed fully compliant residential and domestic fire sprinkler monitoring system available. FloWatch gives you complete confidence that your sprinkler system is in full working order.

A FloWatch monitoring system comprises of a master panel and expansion modules, making the system adaptable to your project size. The FloWatch system allows monitoring of individual devices throughout your building. Pump failure signals and tank level alarms are monitored using dedicated master panel inputs.



PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
 <p>FloWatch Master Panel</p>	FLO-FW-MTR	FloWatch Master Panel	1
 <p>FloWatch Expansion Module</p>	FLO-FW-4W	FloWatch 4 Way Expansion Module	1
	FLO-FW-8W	FloWatch 8 Way Expansion Module	1
 <p>Zonecheck Residential Riser Model</p>	on request	1" (25mm) Zonecheck Residential Riser Model	1
		1 ¼" (32mm) Zonecheck Residential Riser Model	1
		1 ½" (40mm) Zonecheck Residential Riser Model	1
		2" (50mm) Zonecheck Residential Riser Model	1
 <p>Zonecheck Residential Void Model</p>	on request	1" (25mm) Zonecheck Residential Void Model	1
		1 ¼" (32mm) Zonecheck Residential Void Model	1
		1 ½" (40mm) Zonecheck Residential Void Model	1
		2" (50mm) Zonecheck Residential Void Model	1
 <p>Residential Pressure Gauge</p>	RDRESIVALVEGAUGE18	Residential Pressure Gauge, Glycerine Filled, 18 bar rated	1



FlameGuard™ Introduction

About FlameGuard

FlameGuard CPVC is an engineered thermoplastic piping material that has been used successfully for many years in fire sprinkler systems.

FlameGuard does not support fire and will only char when subjected to flame. In fire conditions, it performs superbly, and it has over twenty five years proven track record for this application. As may be expected, the system is fully tested and approved by UL, FM and LPCB, as well as being accepted by all leading insurers. In the UK the product has also been tested and is listed by WRAS for use with fire sprinkler systems only.

CPVC provides a tough, smooth, large diameter pipe which has very low friction loss (Hazen-Williams C Factor=150). Unlike metal systems, the material is highly resistant to corrosion, pitting and scale build up, giving long-term reductions in maintenance costs.

On site, sprinkler contractors can fabricate CPVC systems much more easily than metal systems. Materials can therefore be delivered directly to the job site with no prefabrication - providing a significant cost saving. Also CPVC pipe and fittings weigh a lot less than metal, making them easier to handle during transport and installation.

FlameGuard CPVC pipe is also a very clean product to install. Secure joints are made using a cold solvent welding process which requires only a few simple tools. Correct lengths can be cut and prepared on the spot, eliminating saws, threaders and torches. There is no oil or grease on the pipe - as is often the case with steel - which minimises the risk of damage or mess in the work area. This is especially important in retro-fit applications, where costly damage to decor is always a possibility.

Another key factor for retro-fit installations is that buildings can be occupied while fitting a CPVC system. Hotels, for instance, don't have to lose occupancy - and revenue - because of the speed and ease of the installation process.

No other fire sprinkler system offers all the advantages of CPVC. Unsurpassed fire protection. Simple, sure installation. Proven long-term reliability. All at significantly lower installed cost. FlameGuard CPVC fire sprinkler system is simply the best choice for cost effective fire protection.





FlameGuard™ Introduction

Features and Benefits

- Excellent mechanical strength
- Lightweight – less the 15% of a comparable steel system
- Resists rust, corrosion and scaling
- Excellent hydraulic characteristics (C-Value = 150)
- Simple, quick and clean installation
- No special tools required
- Minimum 50 years life span
- Wet pipe systems only
- Pipe sizes up to 3" (80mm) internal diameter
- Working pressures up to 175 psi (12 bar)
- Ambient temperatures up to 50° C

Advantages

FlameGuard™ CPVC Fire Sprinkler piping is designed specifically for fire sprinkler systems - providing unique advantages to the contractor. The easy assembly provided by the solvent cement system and excellent hydraulics makes CPVC an outstanding material for this application.

FlameGuard™ is manufactured from a special thermoplastic, known chemically as Post-Chlorinated Polyvinyl Chloride. The characteristics of the material and the pipe dimensions provide unique advantages in sprinkler installations: superior hydraulics; ease of joining; increased hanger spacing in comparison to other plastics; and assembly with readily available, inexpensive tools. The product has a continuous service history of more than 30 years.

Approvals

FlameGuard™ CPVC fire sprinkler systems manufactured by Spears Manufacturing Co. have been tested and approved by Underwriters Laboratories (UL), Factory Mutual System (FM) and the Loss Prevention Certification Board (LPCB) for a range of residential, LH (Light Hazard) and OH1 (Ordinary Hazard Group 1) occupancies.

The products have been subjected to and passed the LPS 1260 fire test for CPVC (Loss Prevention Standard 1260); only CPVC products that have this certification should be used for fire sprinkler applications.

The products are approved and listed by NSF and WRAS as being suitable for use in contact with cold potable water.

Scope of Use

FlameGuard™ CPVC fire sprinkler systems are designed for use in wet pipe systems only (a wet pipe system contains water and is connected to a water supply system so that water will discharge immediately when the sprinkler is opened). Typical applications include:-

Occupancy	BS EN 12845 Hazard Classification	BS9251-2021 Category of System
Houses, apartments, HMO's (houses of multiple occupancy)	LH	Suitable for all types
Residential care homes, student living developments	LH or OH1	1, 2, 3, and 4
Schools, colleges and other educational establishments	LH or OH1	
Offices	LH or OH1	
Museums, libraries, court rooms, prisons, churches	LH or OH1	
Hotels	OH1	
Hospitals	OH1	
Attics	OH1	



FlameGuard™ Pipe and Fittings

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Pipe - 3 meter lengths 	RD4229-007	3/4" (20mm) CPVC Pipe	26
	RD4229-010	1" (25mm) CPVC Pipe	17
	RD4229-012-3	1 1/4" (32mm) CPVC Pipe	9
	RD4229-015-3	1 1/2" (40mm) CPVC Pipe	7
	RD4229-020-3	2" (50mm) CPVC Pipe	5
	RD4229-025-3	2 1/2" (65mm) CPVC Pipe	4
	RD4229-030-3	3" (80mm) CPVC Pipe	3
Socket (Socket x Socket) 	RD4229-007	3/4" CPVC Socket	25
	RD4229-010	1" CPVC Socket	25
	RD4229-012	1 1/4" CPVC Socket	10
	RD4229-015	1 1/2" CPVC Socket	10
	RD4229-020	2" CPVC Socket	20
	RD4229-025	2 1/2" CPVC Socket	5
	RD4229-030	3" CPVC Socket	5
Reducing Socket (Socket x Socket) 	RD4229-131	1" x 3/4" CPVC Reducing Socket	15
	RD4229-167	1 1/4" x 3/4" CPVC Reducing Socket	25
	RD4229-168	1 1/4" x 1" CPVC Reducing Socket	10
	RD4229-210	1 1/2" x 3/4" CPVC Reducing Socket	25
	RD4229-211	1 1/2" x 1" CPVC Reducing Socket	10
	RD4229-212	1 1/2" x 1 1/4" CPVC Reducing Socket	10
	RD4229-248	2" x 3/4" CPVC Reducing Socket	10
	RD4229-249	2" x 1" CPVC Reducing Socket	10
	RD4229-250	2" x 1 1/4" CPVC Reducing Socket	10
	RD4229-251	2" x 1 1/2" CPVC Reducing Socket	10
	RD4229-291	2 1/2" x 1 1/2" CPVC Reducing Socket	10
	RD4229-292	2 1/2" x 2" CPVC Reducing Socket	10
Reducing Bush (Spigot x Socket) 	RD4237-131	1" x 3/4" CPVC Reducing Bush	50
	RD4237-167	1 1/4" x 3/4" CPVC Reducing Bush	25
	RD4237-168	1 1/4" x 1" CPVC Reducing Bush	25
	RD4237-210	1 1/2" x 3/4" CPVC Reducing Bush	25
	RD4237-211	1 1/2" x 1" CPVC Reducing Bush	25
	RD4237-212	1 1/2" x 1 1/4" CPVC Reducing Bush	25
	RD4237-248	2" x 3/4" CPVC Reducing Bush	10



FlameGuard™ Pipe and Fittings

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
<p>Reducing Bush (Spigot x Socket)</p> 	RD4237-249	2" x 1" CPVC Reducing Bush	10
	RD4237-250	2" x 1¼" CPVC Reducing Bush	10
	RD4237-251	2" x 1½" CPVC Reducing Bush	10
	RD4237-290	2½" x 1¼" CPVC Reducing Bush	10
	RD4237-291	2½" x 1½" CPVC Reducing Bush	10
	RD4237-292	2½" x 2" CPVC Reducing Bush	15
	RD4237-338	3" x 2" CPVC Reducing Bush	10
	RD4237-339	3" x 2½" CPVC Reducing Bush	10
<p>Elbow 90° (Socket x Socket)</p> 	RD4206-007	¾" CPVC Elbow 90°	30
	RD4206-010	1" CPVC Elbow 90°	20
	RD4206-131	1" x ¾" CPVC Elbow 90°	20
	RD4206-012	1¼" CPVC Elbow 90°	10
	RD4206-015	1½" CPVC Elbow 90°	10
	RD4206-020	2" CPVC Elbow 90°	25
	RD4206-025	2½" CPVC Elbow 90°	5
	RD4206-030	3" CPVC Elbow 90°	5
<p>Street Elbow 90° (Socket x Spigot)</p> 	RD4209-007	¾" CPVC Street Elbow 90°	50
	RD4209-010	1" CPVC Street Elbow 90°	50
	RD4209-012	1¼" CPVC Street Elbow 90°	25
	RD4209-015	1½" CPVC Street Elbow 90°	10
	RD4209-020	2" CPVC Street Elbow 90°	25
<p>Side Outlet Elbow 90° (Socket x Socket x Socket)</p> 	RD4213-007	¾" CPVC Side Outlet Elbow 90°	50
	RD4213-010	1" CPVC Side Outlet Elbow 90°	50
<p>Elbow 45° (Socket x Socket)</p> 	RD4217-007	¾" CPVC Elbow 45°	20
	RD4217-010	1" CPVC Elbow 45°	15
	RD4217-012	1¼" CPVC Elbow 45°	10
	RD4217-015	1½" CPVC Elbow 45°	10
	RD4217-020	2" CPVC Elbow 45°	10
	RD4217-025	2½" CPVC Elbow 45°	5
	RD4217-030	3" CPVC Elbow 45°	5


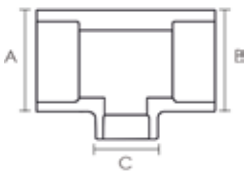


FlameGuard™ Pipe and Fittings

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
<p>Street Elbow 45° (Socket x Spigot)</p> 	RD4227-010	1" CPVC Street Elbow 45°	50
	RD4227-012	1¼" CPVC Street Elbow 45°	50
	RD4227-015	1½" CPVC Street Elbow 45°	25
	RD4227-020	2" CPVC Street Elbow 45°	20
<p>Elbow 22½° (Socket x Socket)</p> 	RD4216-007	¾" CPVC Elbow 22½°	20
	RD4216-010	1" CPVC Elbow 22½°	20
	RD4216-012	1¼" CPVC Elbow 22½°	20
	RD4216-015	1½" CPVC Elbow 22½°	20
	RD4216-020	2" CPVC Elbow 22½°	20
	RD4216-025	2½" CPVC Elbow 22½°	5
	RD4216-030	3" CPVC Elbow 22½°	5
<p>Street Elbow 22½° (Socket x Spigot)</p> 	RD4242-007	¾" CPVC Street Elbow 22½°	50
	RD4242-010	1" CPVC Street Elbow 22½°	50
	RD4242-012	1¼" CPVC Street Elbow 22½°	20
	RD4242-015	1½" CPVC Street Elbow 22½°	25
	RD4242-020	2" CPVC Street Elbow 22½°	20
	RD4242-025	2½" CPVC Street Elbow 22½°	5
	RD4242-030	3" CPVC Street Elbow 22½°	5
<p>Tee 90° (Socket x Socket x Socket)</p> 	RD4201-007	¾" CPVC Tee 90°	20
	RD4201-010	1" CPVC Tee 90°	15
	RD4201-012	1¼" CPVC Tee 90°	10
	RD4201-015	1½" CPVC Tee 90°	10
	RD4201-020	2" CPVC Tee 90°	10
	RD4201-025	2½" CPVC Tee 90°	10
	RD4201-030	3" CPVC Tee 90°	5
<p>Street Tee 90° (Socket x Socket x Spigot)</p> 	RD4201-007	¾" CPVC Street Tee 90°	15
	RD4201-010	1" CPVC Street Tee 90°	15
	RD4201-012	1¼" CPVC Street Tee 90°	10
	RD4201-015	1½" CPVC Street Tee 90°	10
	RD4201-020	2" CPVC Street Tee 90°	10



FlameGuard™ Pipe and Fittings

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Reducing Tee 90° (Socket x Socket x Socket)  (Size= A x B x C) 	RD4201-102	¾" x ¾" x 1" CPVC Reducing Tee 90°	15
	RD4201-125	1" x ¾" x ¾" CPVC Reducing Tee 90°	15
	RD4201-126	1" x ¾" x 1" CPVC Reducing Tee 90°	15
	RD4201-131	1" x 1" x ¾" CPVC Reducing Tee 90°	20
	RD4201-157	1¼" x 1" x ¾" CPVC Reducing Tee 90°	20
	RD4201-158	1¼" x 1" x 1" CPVC Reducing Tee 90°	15
	RD4201-159	1¼" x 1" x 1¼" CPVC Reducing Tee 90°	15
	RD4201-167	1¼" x 1¼" x ¾" CPVC Reducing Tee 90°	15
	RD4201-168	1¼" x 1¼" x 1" CPVC Reducing Tee 90°	15
	RD4201-169	1¼" x 1¼" x 1½" CPVC Reducing Tee 90°	10
	RD4201-201	1½" x 1¼" x ¾" CPVC Reducing Tee 90°	10
	RD4201-202	1½" x 1¼" x 1" CPVC Reducing Tee 90°	10
	RD4201-210	1½" x 1½" x ¾" CPVC Reducing Tee 90°	15
	RD4201-211	1½" x 1½" x 1" CPVC Reducing Tee 90°	10
	RD4201-212	1½" x 1½" x 1¼" CPVC Reducing Tee 90°	10
	RD4201-213	1½" x 1½" x 2" CPVC Reducing Tee 90°	10
	RD4201-248	2" x 2" x ¾" CPVC Reducing Tee 90°	10
	RD4201-249	2" x 2" x 1" CPVC Reducing Tee 90°	10
	RD4201-250	2" x 2" x 1¼" CPVC Reducing Tee 90°	10
	RD4201-251	2" x 2" x 1½" CPVC Reducing Tee 90°	10
	RD4201-289	2½" x 2½" x 1" CPVC Reducing Tee 90°	10
	RD4201-290	2½" x 2½" x 1¼" CPVC Reducing Tee 90°	10
	RD4201-291	2½" x 2½" x 1½" CPVC Reducing Tee 90°	10
	RD4201-292	2½" x 2½" x 2" CPVC Reducing Tee 90°	10
	RD4201-335	3" x 3" x 1" CPVC Reducing Tee 90°	5
	RD4201-336	3" x 3" x 1¼" CPVC Reducing Tee 90°	5
	RD4201-337	3" x 3" x 1½" CPVC Reducing Tee 90°	5
	RD4201-338	3" x 3" x 2" CPVC Reducing Tee 90°	5
	RD4201-339	3" x 3" x 2½" CPVC Reducing Tee 90°	5







FlameGuard™ Pipe and Fittings

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Cross 90° (Socket x Socket x Socket x Socket) 	RD4220-007	¾" CPVC Cross 90°	20
	RD4220-131	1" x ¾" CPVC Cross 90°	20
	RD4220-010	1" CPVC Cross 90°	15
	RD4220-012	1¼" CPVC Cross 90°	10
	RD4220-167	1¼" x ¾" CPVC Cross 90°	25
	RD4220-015	1½" CPVC Cross 90°	10
	RD4220-020	2" CPVC Cross 90°	8
	RD4220-025	2½" CPVC Cross 90°	5
	RD4220-289	2½" x 1" CPVC Cross 90°	15
	RD4220-030	3" CPVC Cross 90°	5
Cap (Socket) 	RD4247-007	¾" CPVC Cap	25
	RD4247-010	1" CPVC Cap	25
	RD4247-012	1¼" CPVC Cap	10
	RD4247-015	1½" CPVC Cap	10
	RD4247-020	2" CPVC Cap	10
	RD4247-025	2½" CPVC Cap	5
	RD4247-030	3" CPVC Cap	5
Union (Socket x Socket) 	RD4257-007	¾" CPVC Union	10
	RD4257-010	1" CPVC Union	10
	RD4257-012	1¼" CPVC Union	5
	RD4257-015	1½" CPVC Union	5
	RD4257-020	2" CPVC Union	5
Transition Union (Socket x Metal NPT Female Thread) 	RD4259-010BR	1" CPVC Transition Union	10
	RD4259-012BR	1¼" CPVC Transition Union	5
	RD4259-015BR	1½" CPVC Transition Union	5
	RD4259-020BR	2" CPVC Transition Union	5



FlameGuard™ Pipe and Fittings

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Socket Flange (Socket - Drilled ASA 150) 	RD4251-007	¾" CPVC Socket Flange - drilled ASA150	25
	RD4251-010	1" CPVC Socket Flange - drilled ASA150	15
	RD4251-012	1¼" CPVC Socket Flange - drilled ASA150	15
	RD4251-015	1½" CPVC Socket Flange - drilled ASA150	15
	RD4251-020	2" CPVC Socket Flange - drilled ASA150	10
	RD4251-025	2 ½" CPVC Socket Flange - drilled ASA150	10
	RD4251-030	3" CPVC Socket Flange - drilled ASA150	10
Spigot Flange (Spigot - Drilled ASA 150) 	RD4256-007	¾" CPVC Spigot Flange - drilled ASA150	25
	RD4256-010	1" CPVC Spigot Flange - drilled ASA150	15
	RD4256-012	1¼" CPVC Spigot Flange - drilled ASA150	15
	RD4256-015	1½" CPVC Spigot Flange - drilled ASA150	15
	RD4256-020	2" CPVC Spigot Flange - drilled ASA150	10
	RD4256-025	2 ½" CPVC Spigot Flange - drilled ASA150	10
	RD4256-030	3" CPVC Spigot Flange - drilled ASA150	10
Blind Flange (Drilled ASA 150) 	RD4253-007	¾" CPVC Blind Flange	25
	RD4253-010	1" CPVC Blind Flange	15
	RD4253-012	1¼" CPVC Blind Flange	15
	RD4253-015	1½" CPVC Blind Flange	15
	RD4253-020	2" CPVC Blind Flange	10
	RD4253-025	2 ½" CPVC Blind Flange	10
	RD4253-030	3" CPVC Blind Flange	10
Transition Union (Socket x Metal NPT Female Thread) 	RD4259-010BR	1" CPVC Transition Union	10
	RD4259-012BR	1¼" CPVC Transition Union	5
	RD4259-015BR	1½" CPVC Transition Union	5
	RD4259-020BR	2" CPVC Transition Union	5



FlameGuard™ Pipe and Fittings

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Female Adaptor NPT (Socket x Reinforced NPT Female Thread) 	RD4235-007SR	¾" CPVC Adaptor with reinforced NPT female thread	25
	RD4235-010SR	1" CPVC Adaptor NPT with reinforced NPT female thread	25
	RD4235-012SR	1¼" CPVC Adaptor NPT with reinforced NPT female thread	10
Female Adaptor NPT (Socket x Metal NPT Female Thread) 	RD4235-007	¾" CPVC Adaptor with metal NPT female thread	15
	RD4235-010	1" CPVC Adaptor with metal NPT female thread	15
	RD4235-012	1¼" CPVC Adaptor with metal NPT female thread	15
	RD4235-015	1½" CPVC Adaptor with metal NPT female thread	10
	RD4235-020	2" CPVC Adaptor with metal NPT female thread	5
Female Adaptor BSP (Socket x Reinforced BSP Female Thread) 	RD4235-007SRBS	¾" CPVC Adaptor with reinforced BSP female thread	25
	RD4235-010SRBS	1" CPVC Adaptor with reinforced BSP female thread	25
	RD4235-012SRBS	1¼" CPVC Adaptor with reinforced BSP female thread	10
	RD4235-015SRBS	1½" CPVC Adaptor with reinforced BSP female thread	10
	RD4235-020SRBS	2" CPVC Adaptor with reinforced BSP female thread	10
Female Adaptor BSP (Socket x Metal BSP Female Thread) 	RD4235-015SBS	1½ CPVC Adaptor with metal BSP female thread	10
	RD4235-020SBS	2 CPVC Adaptor with metal BSP female thread	10
Male Adaptor NPT (Socket x Metal NPT Male Thread) 	RD4236-007NPT	¾" CPVC Adaptor with metal NPT male thread	40
	RD4236-010NPT	1" CPVC Adaptor with metal NPT male thread	10
	RD4236-012NPT	1 ¼" CPVC Adaptor with metal NPT male thread	10
	RD4236-015NPT	1 ½" CPVC Adaptor with metal NPT male thread	10
	RD4236-020NPT	2" CPVC Adaptor with metal NPT male thread	5
Male Adaptor BSP (Socket x Metal BSP Male Thread) 	RD4236-007BT	¾" CPVC Male Adaptor with metal BSP male thread	40
	RD4236-010BT	1" CPVC Male Adaptor with metal BSP male thread	10
	RD4236-012BT	1¼" CPVC Male Adaptor with metal BSP male thread	10
	RD4236-015BT	1½" CPVC Male Adaptor with metal BSP male thread	10
	RD4236-020BT	2" CPVC Male Adaptor with metal BSP male thread	5



FlameGuard™ Pipe and Fittings

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Spigot Adaptor NPT (Spigot x Metal NPT Female Thread) 	RD4278-007	3/4" CPVC Spigot Adaptor with metal NPT female thread	15
	RD4278-010	1" CPVC Spigot Adaptor with metal NPT female thread	15
Spigot Adaptor NPT (Spigot x Reinforced NPT Female Thread) 	RD4278-007SR	3/4" CPVC Adaptor with reinforced NPT female thread	25
	RD4278-010SR	1" CPVC Adaptor with reinforced NPT female thread	50
Adaptor Nipple (BSP Male x NPT Male Threaded) 	RD883-030C	3/4" CPVC Adaptor Nipple - BSP Male x NPT Male Threaded	1
	RD884-030CNTBT	1" CPVC Adaptor Nipple - BSP Male x NPT Male Threaded	1
	RD885-030CNTBT	1 1/4" CPVC Adaptor Nipple - BSP Male x NPT Male Threaded	1
	RD886-030CNTBT	1 1/2" CPVC Adaptor Nipple - BSP Male x NPT Male Threaded	1
	RD887-030CNTBT	2" CPVC Adaptor Nipple - BSP Male x NPT Male Threaded	1
Reducing Bush (Spigot x Metal NPT Female Thread) 	Reducing Bush	1" x 1 1/2" CPVC Reducing Bush	50

Making Threaded Joints

We recommend the use of Blue 75 Joint Compound or PTFE tape for all threaded joints on plastic piping. Please check with our technical department before using any other type of pipe joint compounds, as these can cause stress cracking and lead to failure of the system.

When using PTFE tape, follow the following guidelines:

- Always wrap tape clockwise
- Tighten hand-tight plus 1 1/2 to 2 turns
- Do not over-tighten



Blue 75

Size	Code
1 Pint	RDSPRBLUESEALANT







PTFE Tape

BS7786

Roll Size mm	Code
2 x 12 x 0.075	RD767-120







FlameGuard™ Pipe and Fittings

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Sprinkler Tee 90° (Socket x Reinforced NPT Female Thread) 	RD4202-101SR	3/4" x 3/4" x 1/2" CPVC Sprinkler Tee 90° with reinforced NPT female thread	50
	RD4202-124SR	1" x 3/4" x 1/2" CPVC Sprinkler Tee 90° with reinforced NPT female thread	50
	RD4202-130SR	1" x 1" x 1/2" CPVC Sprinkler Tee 90° with reinforced NPT female thread	50
	RD4202-010SR	1" x 1" x 1" CPVC Sprinkler Tee 90° with reinforced NPT female thread	15
	RD4202-156SR	1 1/4" x 1" x 1/2" CPVC Sprinkler Tee 90° with reinforced NPT female thread	15
	RD4202-166SR	1 1/4" x 1 1/4" x 1/2" CPVC Sprinkler Tee 90° with reinforced NPT female thread	15
	RD4202-168SR	1 1/4" x 1 1/4" x 1" CPVC Sprinkler Tee 90° with reinforced NPT female thread	15
	RD4202-199SR	1 1/2" x 1 1/4" x 1/2" CPVC Sprinkler Tee 90° with reinforced NPT female thread	10
	RD4202-209SR	1 1/2" x 1 1/2" x 1/2" CPVC Sprinkler Tee 90° with reinforced NPT female thread	25
	RD4202-211SR	1 1/2" x 1 1/2" x 1" CPVC Sprinkler Tee 90° with reinforced NPT female thread	10
	RD4202-237SR	2" x 1 1/2" x 1/2" CPVC Sprinkler Tee 90° with reinforced NPT female thread	10
	RD4202-247SR	2" x 2" x 1/2" CPVC Sprinkler Tee 90° with reinforced NPT female thread	10
	RD4202-287SR	2 1/2" x 2 1/2" x 1/2" CPVC Sprinkler Tee 90° with reinforced NPT female thread	10
Sprinkler Tee 90° (Socket x Metal NPT Female Thread) 	RD4202-101	3/4" x 3/4" x 1/2" CPVC Sprinkler Tee 90° with metal NPT female thread	50
	RD4202-124	1" x 3/4" x 1/2" CPVC Sprinkler Tee 90° with metal NPT female thread	50
	RD4202-130	1" x 1" x 1/2" CPVC Sprinkler Tee 90° with metal NPT female thread	50
	RD4202-010	1" x 1" x 1" CPVC Sprinkler Tee 90° with metal NPT female thread	10
	RD4202-156	1 1/4" x 1" x 1/2" CPVC Sprinkler Tee 90° with metal NPT female thread	15
	RD4202-166	1 1/4" x 1 1/4" x 1/2" CPVC Sprinkler Tee 90° with metal NPT female thread	15
	RD4202-199	1 1/2" x 1 1/4" x 1/2" CPVC Sprinkler Tee 90° with metal NPT female thread	10
	RD4202-209	1 1/2" x 1 1/2" x 1/2" CPVC Sprinkler Tee 90° with metal NPT female thread	10
	RD4202-237	2" x 1 1/2" x 1/2" CPVC Sprinkler Tee 90° with metal NPT female thread	10
RD4202-247	2" x 2" x 1/2" CPVC Sprinkler Tee 90° with metal NPT female thread	10	
Sprinkler Tee 90° (Socket x Reinforced NPT Female Thread) 	RD4203-122SR	1" x 1/2" x 1" CPVC Sprinkler Tee 90° with reinforced NPT female thread	50
Sprinkler Tee 90° (Socket x Metal NPT Female Thread) 	RD4203-122A	1" x 1/2" x 1" CPVC Sprinkler Tee 90° with metal NPT female thread	50



FlameGuard™ Pipe and Fittings

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Sprinkler Elbow 90° (Socket x Reinforced NPT Female Thread) 	RD4207-101SR	¾" x ½" CPVC Sprinkler Elbow 90° with reinforced NPT female thread	20
	RD4207-130SR	1" x ½" CPVC Sprinkler Elbow 90° with reinforced NPT female thread	10
	RD4207-131SR	1" x ¾" CPVC Sprinkler Elbow 90° with reinforced NPT female thread	50
	RD4207-166SR	1" x 1½" CPVC Sprinkler Elbow 90° with reinforced NPT female thread	25
Sprinkler Elbow 90° (Socket x Metal NPT Female Thread) 	RD4207-101	¾" x ½" CPVC Sprinkler Elbow 90° with metal NPT female thread (also available with TorqueSafe™ connection)	20
	RD4207-130	1" x ½" CPVC Sprinkler Elbow 90° with metal NPT female thread (also available with TorqueSafe™ connection)	10
	RD4207-131	1" x ¾" CPVC Sprinkler Elbow 90° with metal NPT female thread	50
	RD4207-166	1" x 1½" CPVC Sprinkler Elbow 90° with metal NPT female thread	25
Sprinkler Adaptor (Socket x Reinforced NPT Female Thread - Wrench Flats) 	RDW4235-101SR	¾" x ½" CPVC Sprinkler Adaptor with reinforced NPT female thread - wrench Flats	50
	RDW4235-130SR	1" x ½" CPVC Sprinkler Adaptor with reinforced NPT female thread - wrench Flats	50
Sprinkler Adaptor (Socket x Reinforced NPT Female Thread) 	RD4235-101SR	¾" x ½" CPVC Sprinkler Adaptor with reinforced NPT female thread	25
	RD4235-130SR	1" x ½" CPVC Sprinkler Adaptor with reinforced NPT female thread	25
	RD4235-131SR	1" x ¾" CPVC Sprinkler Adaptor with reinforced NPT female thread	10
Sprinkler Adaptor (Spigot x Reinforced NPT Female Thread) 	RD4238-101SR	¾" x ½" CPVC Sprinkler Adaptor with reinforced NPT female thread	50
	RD4238-130SR	1" x ½" CPVC Sprinkler Adaptor with reinforced NPT female thread	50







FlameGuard™ Pipe and Fittings

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Adjustable Sprinkler Adaptor (Socket x Reinforced NPT Female Thread) 	RD42001SR	3/4" x 1/2" CPVC Sprinkler Adaptor with reinforced NPT female thread	10
	RD42011SR	1" x 1/2" CPVC Sprinkler Adaptor with reinforced NPT female thread	10
Adjustable Sprinkler Adaptor (Spigot x Reinforced NPT Female Thread) 	RD42004SR	3/4" x 1/2" CPVC Adjustable Sprinkler Adaptor with reinforced NPT female thread	50
	RD42014SR	1" x 1/2" CPVC Adjustable Sprinkler Adaptor with reinforced NPT female thread	50
Test Plug 	RDFTP-005	1/2" red HDPE Test Plug for standard adaptors	50
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <h2>GripLoc™</h2> <ul style="list-style-type: none"> • Permanent leak-free connections. Excellent for quick repairs and system extensions. • Uses no solvent cement. • Eliminates system downtime. </div> <div style="flex: 1; text-align: right;">  </div> </div>			
GripLoc™ Coupling 	RD42001SR	3/4" GripLoc™ Coupling, Stainless Steel Gripper Ring - EPDM O-Rings, for extension of existing systems	1
	RD42011SR	1" GripLoc™ Coupling, Stainless Steel Gripper Ring - EPDM O-Rings, for extension of existing systems	1
GripLoc™ Repair Coupling 	RDSG118-10CO	3/4" GripLoc™ Repair Coupling, Stainless Steel Gripper Ring - EPDM O-Rings, expansion joint and repair coupling	1



FlameGuard™ Pipe and Fittings

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
TorqueSafe™ Sprinkler Adaptor (Socket x Brass NPT Female Thread) 	RD4235-101GS	3/4" x 1/2" CPVC TorqueSafe™ Sprinkler Adaptor with Brass NPT female thread EPDM Seal (No Thread Sealant Required)	50
	RD4235-130GS	1" x 1/2" CPVC TorqueSafe™ Sprinkler Adaptor with Brass NPT female thread EPDM Seal (No Thread Sealant Required)	50
	RD4235-131GS	1" x 3/4" CPVC TorqueSafe™ Sprinkler Adaptor with Brass NPT female thread EPDM Seal (No Thread Sealant Required)	50
TorqueSafe™ Sprinkler Adaptor (Spigot x Metal NPT Female Thread) 	RD4238-101GS	3/4" x 1/2" TorqueSafe™ CPVC Sprinkler Adaptor with metal NPT female thread	50
	RD4238-130GS	1" x 1/2" TorqueSafe™ CPVC Sprinkler Adaptor with metal NPT female thread	50
TorqueSafe™ Sprinkler Tee 90° (Socket x Metal NPT Female Thread) 	RD4202-101GS	3/4" x 3/4" x 1/2" TorqueSafe™ CPVC Sprinkler Tee 90° metal NPT female thread	50
	RD4202-124GS	1" x 3/4" x 1/2" TorqueSafe™ CPVC Sprinkler Tee 90° metal NPT female thread	50
	RD4202-130GS	1" x 1" x 1/2" TorqueSafe™ CPVC Sprinkler Tee 90° metal NPT female thread	50
	RD4202-166GS	1 1/4" x 1 1/4" x 1/2" TorqueSafe™ CPVC Sprinkler Tee 90° metal NPT female thread	15
	RD4202-209GS	1 1/2" x 1 1/2" x 1/2" TorqueSafe™ CPVC Sprinkler Tee 90° metal NPT female thread	10
	RD4202-247GS	2" x 2" x 1/2" TorqueSafe™ CPVC Sprinkler Tee 90° metal NPT female thread	10
TorqueSafe™ Sprinkler Elbow 90° (Socket x Metal NPT Female Thread) 	RD4207-101GS	3/4" x 1/2" CPVC Sprinkler Elbow 90° with metal NPT female thread	20
	RD4207-130GS	1" x 1/2" CPVC Sprinkler Elbow 90° with metal NPT female thread	15
	RD4207-166GS	1 1/4" x 1/2" CPVC Sprinkler Elbow 90° with metal NPT female thread	10

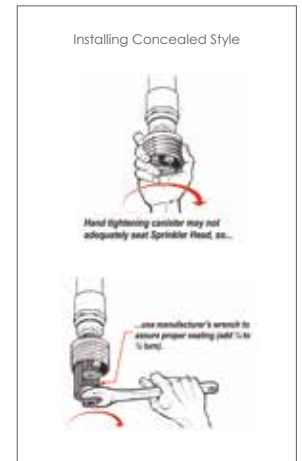
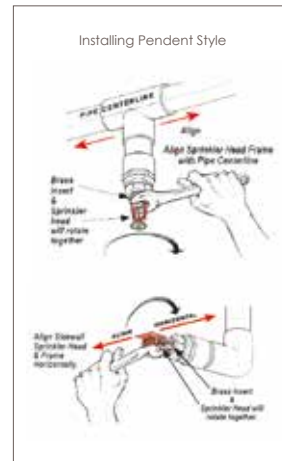
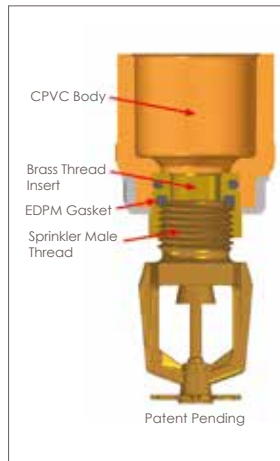
TorqueSafe™ Sprinkler Adaptors

- Eliminates radial stress
- Requires no thread sealant
- Prevents over tightening
- Easy frame alignment
- Saves time and money

Installation is quick and easy:






1. Solvent weld fitting and allow to cure
2. Fit Sprinkler Head hand tight - no sealant or tape needed
3. Use a wrench to rotate head until aligned




Caution - do not use back-up wrench on the brass insert flats






FlameGuard™ Pipe and Fittings








PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Sprinkler Adaptor (Socket x Metal NPT Female Thread) 	RD4235-101	3/4" x 1/2" CPVC Sprinkler Adaptor with metal NPT female thread	50
	RD4235-130	1" x 1/2" CPVC Sprinkler Adaptor with metal NPT female thread	50
	RD4235-131	1" x 3/4" CPVC Sprinkler Adaptor with metal NPT female thread	50
Sprinkler Adaptor - Long Body (Socket x Metal NPT Female Thread) 	RDL4235-130A	1" x 1/2" CPVC Long Body Sprinkler Adaptor with reinforced NPT female thread	50
Sprinkler Adaptor with Positioning Ring (Socket x Metal NPT Female Thread) 	RDR4235-101A	3/4" x 1/2" CPVC Sprinkler Adaptor with positioning ring, metal NPT female thread	50
Sprinkler Adaptor (Spigot x Metal NPT Female Thread) 	RD4238-101	3/4" x 1/2" CPVC Sprinkler Adaptor (Spigot x Metal NPT Female Thread)	50
	RD4238-130	1" x 1/2" CPVC Sprinkler Adaptor (Spigot x Metal NPT Female Thread)	50
Test Plug 	RDFTP-005GS	1/2" PVC Test Plug for TorqueSafe™ Head Adaptors	50

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
F1000 DigiFlo Digital Paddle Wheel Flow Meter 	RDRB-100MB-LPM1	DN25 (1") F-1000 Flow Meter, 20-200 l/min, Battery Operated, Male BSP Threaded Installation Tee	1
	RDRB-150MB-LPM2	DN40 (1½") F-1000 Flow Meter, 25-250 l/min, Battery Operated, Male BSP Threaded Installation Tee	1
	RDRB-200MB-LPM3	DN50 (2") F-1000 Flow Meter, 40-400 l/min, Battery Operated, Male BSP Threaded Installation Tee	1
	RDRT-100MB-LPM1	DN25 (1") F-1000 Flow Meter, 20-200 l/min, Battery Operated, Male BSP Threaded Installation Tee, with Totaliser	1
	RDRT-150MB-LPM2	DN40 (1½") F-1000 Flow Meter, 25-250 l/min, Battery Operated, Male BSP Threaded Installation Tee, with Totaliser	1
	RDRT-200MB-LPM3	DN50 (2") F-1000 Flow Meter, 40-400 l/min, Battery Operated, Male BSP Threaded Installation Tee, with Totaliser	1
	RD10MB1	DN25 (1") Installation Tee, 20-200 l/min	1
	RD15MB2	DN40 (1½") Installation Tee, 25-250 l/min	1
	RD20MB3	DN40 (1½") Installation Tee, 25-250 l/min	1
	RDF-900K	Blanking Cap	1
Service Removal Plug 	RDF-900K	Service Removal Plug, one size, used to blank off unused branch	1
Ball Valve (Socket x Socket) 	RD6622-005CO	½" CPVC Ball Valve for residential applications only	10
	RD6622-007CO	¾" CPVC Ball Valve for residential applications only	10
	RD6622-010CO	1" CPVC Ball Valve for residential applications only	10

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Lockable Ball Valve (Grey CPVC Body - Socket x Socket) 	RD1822-007CFG	¾" CPVC Lockable Ball Valve for residential applications only	1
	RD1822-010CFG	1" CPVC Lockable Ball Valve for residential applications only	1
	RD1822-012CFG	1¼" CPVC Lockable Ball Valve for residential applications only	1
	RD1822-015CFG	1½" CPVC Lockable Ball Valve for residential applications only	1
	RD1822-020CFG	2" CPVC Lockable Ball Valve for residential applications only	1
Check Valve (Socket x Socket) 	RDS1520-10C	1" CPVC Check Valve for residential applications only	20
	RDS1520-12C	1¼" CPVC Check Valve for residential applications only	12
	RDS1520-15C	1½" CPVC Check Valve for residential applications only	12
NPT Threaded Check Valve (Socket x Socket) 	RDS1520-10FSRSCO	1" CPVC NPT Threaded Check Valve for residential applications only	20
	RDS1520-12FSRSCO	1¼" CPVC NPT Threaded Check Valve for residential applications only	12
	RDS1520-15FSRSCO	1½" CPVC NPT Threaded Check Valve for residential applications only	12
Base Plate with Combi Nut 	RD112397	80mm x 30mm x 3mm Base Plate with Combi Nut, M8/M10 Thread Size	1
Threaded Rod 	RD113639	1000mm Threaded Rod, M8 Thread Size	1
	RD113467	1000mm Threaded Rod, M10 Thread Size	1



CPVC Tools And Accessories






PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Quick Release Cutter 	RD04114	3/4" Quick Release Cutter	1
	RD04124	3/4" - 2" Quick Release Cutter	1
	RD04134	3/4" - 3" Quick Release Cutter	1
DEB0 Deburring Tool 	RD04434	DEB0 Deburring tool. Long-lasting, hardened tool steel deburring blade. Blade is permanently attached. Pencil-shape fits nicely in pocket.	1
DEB3 Deburring Tool 	RD04437	DEB3 Deburring tool. Long-lasting, hardened tool steel deburring blade. Replaceable blade with two extra blades stored in handle. Lightweight but sturdy plastic body	1
DEB2 Deburring Tool 	RD04436	3/4" - 2" DEB2 Cone Deburring tool for plastic pipe. Cone shape deburrs the inner and outer edges of CPVC pipe.	1
DEB4 Deburring Tool 	RD04430	1 1/4" - 3" DEB4 Deburring tool for plastic pipe. Deburr and chamfer in the same rotation. Hardened steel blade that is reversible, sharpenable and replaceable.	1
Strap Wrench 	RD02248	3/4" - 2" Strap Wrench, coated polyester strap	1
	RD02247	3/4" - 3" Strap Wrench, coated polyester strap	1
Solvent Cement 	RDFS5-020	Pint (473ml) Solvent Cement	12

How much cement?

Pipe Size	3/4"	1 1/4"	1"	1 1/2"	2"	2 1/2"	3"
Joints per Pint	135	90	65	50	35	25	20



CPVC Tools And Accessories

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	BOX QTY
Internal Pipe Cutter 	RD04507	min 3/4" Internal Pipe Cutter, ideal for cutting sprinkler drop pipes	1
	RD04505	min 1 1/4" Internal Pipe Cutter, ideal for cutting sprinkler drop pipes	1
Brush 	RDPB-1	Brush, one size	100
Can-Mate Dauber 	RDCM-75	3/4" Dia Can-Mate Dauber, Fits Pint or Quart Cans, for pipe size 3/4 - 1 1/4	50
	RDCM-150	1 1/2" Dia Can-Mate Dauber, Fits Pint or Quart Cans, for pipe size 1 1/2 - 3	50
Blue 75 Jointing Compound Thread Sealant 	RDSPRBLUESEALANT	1 pint (473ml) Blue 75 Jointing Compound Thread Sealant	12
Fire Resistant Sealant Pyropro HPE Sealant 	RDFS310HPE	310ml Metacaulk 150+ Firestop Sealant	12



nVent CADDY Introduction

nVent CADDY

Since 1956, CADDY has been dedicated to premium quality products and unmatched innovation. For decades, they have strived to save customers time, while keeping installations in line with code to meet safety best practices.

The nVent CADDY mission is to help connect and protect customers' systems in facilities where the cost of failure is very high. Customers trust nVent CADDY to enhance productivity and reduce cost of ownership by simplifying installation and minimising downtime during operation.



Mission to Connect and Protect

Innovation and quality is at the core of nVent CADDY. With every new product development, they seek to make installations simpler, more intuitive and less expensive, while efficiently increasing safety for contractors and reliability for the facility.

nVent CADDY aims to continue its emphasis on innovative, time-saving solutions designed to make projects safer, more efficient and less expensive.

The addition of nVent CADDY brackets and an extensive range of CPVC Pipe and Fittings allow Rapidrop to provide a complete solution for residential sprinkler system projects.





nVent CADDY Brackets

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	DATA SHEET NO.	BOX QTY
Wraparound Strap 	RDC597816	¾" (20mm) Wraparound strap for CPVC pipe (26.9mm o/d), UL	9.20	1
	RDC597817	1" (25mm) Wraparound strap for CPVC pipe (33.7mm o/d), UL		1
	RDC597818	1 ¼" (32mm) Wraparound strap for CPVC pipe (42.2mm o/d), UL		1
	RDC597819	1 ½" (40mm) Wraparound strap for CPVC pipe (48.3mm o/d), UL		1
	RDC597821	2" (50mm) Wraparound strap for CPVC pipe (60.3mm o/d), UL		1
Two Hole Strap 	RDC597822	¾" (20mm) Two Hole strap for CPVC pipe (26.9mm o/d), UL	9.21	1
	RDC597823	1" (25mm) Two Hole strap for CPVC pipe (33.7mm o/d), UL		1
	RDC597824	1 ¼" (32mm) Two Hole strap for CPVC pipe (42.2mm o/d), UL		1
	RDC597825	1 ½" (40mm) Two Hole strap for CPVC pipe (48.3mm o/d), UL		1
	RDC597826	2" (50mm) Two Hole strap for CPVC pipe (60.3mm o/d), UL		1
Side Mount Strap 	RDC597827	¾" (20mm) Side Mount strap for CPVC pipe (26.9mm o/d), UL	9.22	1
	RDC597828	1" (25mm) Side Mount strap for CPVC pipe (33.7mm o/d), UL		1
	RDC597829	1 ¼" (32mm) Side Mount strap for CPVC pipe (42.2mm o/d), UL		1
	RDC597831	1 ½" (40mm) Side Mount strap for CPVC pipe (48.3mm o/d), UL		1
	RDC597832	2" (50mm) Side Mount strap for CPVC pipe (60.3mm o/d), UL		1
Standard Duty Loop Hanger 	RDC597860	½" (15mm) Standard Duty Loop Hanger for CPVC pipe (21.3mm o/d), Threaded Rod size M10, UL, VdS	9.23	1
	RDC597870	¾" (20mm) Standard Duty Loop Hanger for CPVC pipe (26.9mm o/d), Threaded Rod size M10, FM, UL, VdS		1
	RDC597880	1" (25mm) Standard Duty Loop Hanger for CPVC pipe (33.7mm o/d), Threaded Rod size M10, FM, UL, VdS		1
	RDC597890	1 ¼" (32mm) Standard Duty Loop Hanger for CPVC pipe (42.2mm o/d), Threaded Rod size M10, FM, UL, VdS		1
	RDC597900	1 ½" (40mm) Standard Duty Loop Hanger for CPVC pipe (48.3mm o/d), Threaded Rod size M10, FM, UL, VdS		1
	RDC597910	2" (50mm) Standard Duty Loop Hanger for CPVC pipe (60.3mm o/d), Threaded Rod size M10, FM, UL, VdS		1
	RDC597920	2 ½" (65mm) Standard Duty Loop Hanger for CPVC pipe (76.1mm o/d), Threaded Rod size M10, FM, UL, VdS		1
	RDC597930	3" (80mm) Standard Duty Loop Hanger for CPVC pipe (88.9mm o/d), Threaded Rod size M10, FM, UL, VdS		1




nVent CADDY Brackets

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	DATA SHEET NO.	BOX QTY
<p>Surge Restraint</p> 	RDC597865	Surge Restraint for CPVC pipe, UL	9.24	1
<p>Clevis Hanger</p> 	RDC179398	½" (15mm) Clevis Hanger for CPVC pipe (21.3mm o/d), Threaded Rod size M10, UL	9.25	1
	RDC179399	¾" (20mm) Clevis Hanger for CPVC pipe (26.9mm o/d), Threaded Rod size M10, FM, UL		1
	RDC179420	1" (25mm) Clevis Hanger for CPVC pipe (33.7mm o/d), Threaded Rod size M10, FM, UL		1
	RDC179421	1 ¼" (32mm) Clevis Hanger for CPVC pipe (42.2mm o/d), Threaded Rod size M10, FM, UL		1
	RDC179422	1 ½" (40mm) Clevis Hanger for CPVC pipe (48.3mm o/d), Threaded Rod size M10, FM, UL		1
	RDC179423	2" (50mm) Clevis Hanger for CPVC pipe (60.3mm o/d), Threaded Rod size M10, FM, UL		1
	RDC179424	2 ½" (65mm) Clevis Hanger for CPVC pipe (76.0mm o/d), Threaded Rod size M12, FM, UL		1
	RDC179425	3" (80mm) Clevis Hanger for CPVC pipe (89.0mm o/d), Threaded Rod size M12, FM, UL		1
<p>Clevis Hanger Light Duty</p> 	RDC179400	1" (25mm) Clevis Hanger Light Duty for CPVC pipe (33.7mm o/d), Threaded Rod size M10, UL	9.26	1
	RDC179401	1 ¼" (32mm) Clevis Hanger Light Duty for CPVC pipe (42.2mm o/d), Threaded Rod size M10, UL		1
	RDC179402	1 ½" (40mm) Clevis Hanger Light Duty for CPVC pipe (48.3mm o/d), Threaded Rod size M10, UL		1
	RDC179403	2" (50mm) Clevis Hanger Light Duty for CPVC pipe (60.3mm o/d), Threaded Rod size M10, UL		1
	RDC179404	2 ½" (65mm) Clevis Hanger Light Duty for CPVC pipe (76.0mm o/d), Threaded Rod size M12, UL		1
	RDC179405	3" (80mm) Clevis Hanger Light Duty for CPVC pipe (88.9mm o/d), Threaded Rod size M12, UL		1





nVent CADDY Brackets

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	DATA SHEET NO.	BOX QTY
	RDC597962	¾" (20mm) FCS Height Adjustable Loop Hanger for CPVC pipe (27mm o/d), Threaded Rod size M8, VdS	9.28	1
	RDC597968	¾" (20mm) FCS Height Adjustable Loop Hanger for CPVC pipe (27mm o/d), Threaded Rod size M10, FM, VdS		1
	RDC597963	1" (25mm) FCS Height Adjustable Loop Hanger for CPVC pipe (34mm o/d), Threaded Rod size M8, VdS		1
	RDC597969	1" (25mm) FCS Height Adjustable Loop Hanger for CPVC pipe (34mm o/d), Threaded Rod size M10, FM, VdS		1
	RDC597964	1 ¼" (32mm) FCS Height Adjustable Loop Hanger for CPVC pipe (43mm o/d), Threaded Rod size M8, VdS		1
	RDC597971	1 ¼" (32mm) FCS Height Adjustable Loop Hanger for CPVC pipe (43mm o/d), Threaded Rod size M10, FM, VdS		1
	RDC597965	1 ½" (40mm) FCS Height Adjustable Loop Hanger for CPVC pipe (48mm o/d), Threaded Rod size M8, VdS		1
	RDC597972	1 ½" (40mm) FCS Height Adjustable Loop Hanger for CPVC pipe (48mm o/d), Threaded Rod size M10, FM, VdS		1
	RDC597966	2" (50mm) FCS Height Adjustable Loop Hanger for CPVC pipe (60mm o/d), Threaded Rod size M8, FM, VdS		1
	RDC597973	2" (50mm) FCS Height Adjustable Loop Hanger for CPVC pipe (60mm o/d), Threaded Rod size M10, FM, VdS		1
	RDC597974	2 ½" (65mm) FCS Height Adjustable Loop Hanger for CPVC pipe (76mm o/d), Threaded Rod size M10, FM, VdS		1
	RDC597975	3" (80mm) FCS Height Adjustable Loop Hanger for CPVC pipe (89mm o/d), Threaded Rod size M10, FM, VdS		1
	RDC597976	4" (100mm) FCS Height Adjustable Loop Hanger for CPVC pipe (114mm o/d), Threaded Rod size M10, FM, VdS		1
	RDC597977	5" (125mm) FCS Height Adjustable Loop Hanger for CPVC pipe (140mm o/d), Threaded Rod size M12, FM, VdS		1
	RDC597978	6" (150mm) FCS Height Adjustable Loop Hanger for CPVC pipe (165mm o/d), Threaded Rod size M12, FM, VdS		1
	RDC597979	8" (200mm) FCS Height Adjustable Loop Hanger for CPVC pipe (219mm o/d), Threaded Rod size M16, FM, VdS		1
RDC597981	10" (250mm) FCS Height Adjustable Loop Hanger for CPVC pipe (273mm o/d), Threaded Rod size M20, VdS	1		



nVent CADDY Brackets

PRODUCT NAME	ORDERING CODE	PRODUCT DESCRIPTION	DATA SHEET NO.	BOX QTY
Macrofix Plus NI EZ with Easy Closure 	RDC595052	½" (15mm) Macrofix Plus NI EZ with Easy Closure for CPVC pipe (20.0 - 21.3mm o/d), Threaded Rod size M10, UL	9.29	1
	RDC595053	¾" (20mm) Macrofix Plus NI EZ with Easy Closure for CPVC pipe (25.0 - 26.9mm o/d), Threaded Rod size M10, FM, UL		1
	RDC595054	1" (25mm) Macrofix Plus NI EZ with Easy Closure for CPVC pipe (32.0 - 33.7mm o/d), Threaded Rod size M10, FM, UL		1
	RDC595056	1 ¼" (32mm) Macrofix Plus NI EZ with Easy Closure for CPVC pipe (40.0 - 42.2mm o/d), Threaded Rod size M10, FM, UL		1
	RDC595057	1 ½" (40mm) Macrofix Plus NI EZ with Easy Closure for CPVC pipe (48.3 - 50.0mm o/d), Threaded Rod size M10, FM, UL		1
	RDC595059	2" (50mm) Macrofix Plus NI EZ with Easy Closure for CPVC pipe (60.3 - 63.0mm o/d), Threaded Rod size M10, FM, UL		1
	RDC595061	2 ½" (65mm) Macrofix Plus NI EZ with Easy Closure for CPVC pipe (75.0 - 76.1mm o/d), Threaded Rod size M10, UL		1
	RDC595062	3" (80mm) Macrofix Plus NI EZ with Easy Closure for CPVC pipe (88.9 - 90.0mm o/d), Threaded Rod size M10, UL		1
	RDC595063	4" (100mm) Macrofix Plus NI EZ with Easy Closure for CPVC pipe (110.0 - 114.0mm o/d), Threaded Rod size M10, UL		1
SOSR Stand Off Two Hole Strap 	RDC597805	¾" (20mm) SOSR Stand Off Two Hole Strap for CPVC pipe (26.9mm o/d), UL	9.30	1
	RDC597806	1" (25mm) SOSR Stand Off Two Hole Strap for CPVC pipe (33.7mm o/d), UL		1
	RDC597807	1 ¼" (32mm) SOSR Stand Off Two Hole Strap for CPVC pipe (42.2mm o/d), UL		1
	RDC597808	1 ½" (40mm) SOSR Stand Off Two Hole Strap for CPVC pipe (48.3mm o/d), UL		1
	RDC597809	2" (50mm) SOSR Stand Off Two Hole Strap for CPVC pipe (60.3mm o/d), UL		1



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