

### Test Approvals

Fire Test Standard	Laboratory	Orientation	Pipe Material(s)	Diameters (mm)	Fire Resistance
AS 1530.4	Warrington	Floors	uPVC HDPE PP	Up to 150	Up to 4 hours
AS 1530.4	Warrington	Floors	HDPE	Up to 110	Up to 4 hours
BS 476: Part 20 AS 1530.4	CSIRO	Floors Walls	HDPE	Up to 150	Up to 4 hours
BS 476: Part 20 AS 1530.4	CSIRO	Floors Walls	uPVC	Up to 100	Up to 2 hours

PROMASTOP® UniCollar® is undergoing fire test in many countries to many standards in the normal course of its development. Any approvals that may not be listed above may well have already been tested for.

Contact Promat for the latest approvals for this or any of the PROMASTOP® range of fire collars and PROMASEAL® fire stopping products.

### Specification

All plastic pipes which pass through fire rated elements are to be protected using PROMASTOP® UniCollar® to meet Fire Resistance Level (FRL) of -/xx/xx. All installation methods to be in accordance with the manufacturer's printed instructions and duly certified upon completion and installation to the satisfaction of the building authority.

#### Important Notes

Promat product data sheets and health and safety data sheets are regularly reviewed and are available on request. The successful use of this product is dependent on a number of factors. As the information contained in this leaflet can only be of a general nature, it is advisable to consult our technical department if there is any doubt about the correct use of this product in a particular application. Our technical representatives and advisers are available to provide further technical and commercial assistance.

PROMASEAL® UniCollar® is manufactured under a quality management system certified in accordance with ISO 9002.

[www.firecollar.com](http://www.firecollar.com)

#### The Promat Europe / America Network

##### International Head Office, Belgium

Promat International N.V.  
Bormstraat 24  
2830 Tisseelt  
Tel: (32-15) 718 100  
Fax: (32-15) 718 109  
E-mail: [info@promat-international.com](mailto:info@promat-international.com)

##### Austria

Tel: (43-1) 865 4501  
Fax: (43-1) 865 3600

##### Belgium

Tel: (32-15) 713 351  
Fax: (32-15) 718 229

##### Chile

Tel: (56-2) 391 2200  
Fax: (56-2) 538 0961

##### Croatia

Tel: (385-1) 349 6324  
Fax: (385-1) 379 4154

##### Czechia

Tel: (420-2) 311 4806  
Fax: (420-2) 311 3576

##### France

Tel: (33-1) 3979 6160  
Fax: (33-1) 3971 1660

##### Germany

Tel: (49-21-02) 493 0  
Fax: (49-21-02) 493 111

##### Great Britain

Tel: (44-1) 763 262 310  
Fax: (44-1) 763 262 342

##### Hungary

Tel: (36-1) 317 5891  
Fax: (36-1) 318 0948

##### Italy

Tel: (39-010) 248 8411  
Fax: (39-010) 213 768

##### Netherlands

Tel: (31-30) 241 0770  
Fax: (31-30) 241 0771

##### Poland

Tel: (48-22) 678 8551  
Fax: (48-22) 679 9938

##### Slovakia

Tel: (421-87) 741 7124  
Fax: (421-87) 651 7446

##### Slovenia

Tel: (386-4) 515 1451  
Fax: (386-4) 515 1450

##### Spain

Tel: (34-91) 5949 000  
Fax: (34-91) 4476 842

##### Switzerland

Tel: (41-52) 242 4127  
Fax: (41-52) 242 5397

##### USA

Tel: (1-610) 926 0100  
Fax: (1-610) 926 9232

##### The Promat International Website

[www.promat-international.com](http://www.promat-international.com)

#### The Promat Asia Pacific Network

##### Regional Headquarters, Malaysia

Promat International (Asia Pacific) Ltd.  
7E Jalan 1/57D  
Off Jalan Segambut  
51200 Kuala Lumpur  
Tel: (60-3) 6250 2880  
Fax: (60-3) 6250 1159  
E-mail: [promat@po.jaring.my](mailto:promat@po.jaring.my)

##### Australia

Sydney  
Tel: 1800 30 20 20  
Fax: (61-2) 9630 0258  
Adelaide  
Tel: 1800 30 20 20  
Fax: (61-8) 8352 1014  
Melbourne  
Tel: 1800 30 20 20  
Fax: (61-3) 9645 3844

##### China

Beijing  
Tel: (86-10) 6460 4851  
Fax: (86-10) 6460 5297  
Shanghai  
Tel: (86-21) 6249 6205  
Fax: (86-21) 6374 8619  
Guangzhou  
Tel: (86-20) 8189 9286  
Fax: (86-20) 8189 9286

##### Hong Kong

Tel: (85-2) 2836 3692  
Fax: (85-2) 2834 4313

##### India

Tel: (91-11) 643 2568  
Fax: (91-11) 646 4006

##### Indonesia

Tel: (62-21) 690 0096  
Fax: (62-21) 691 0969

##### Malaysia

Tel: (60-3) 6250 2880  
Fax: (60-3) 6250 1158

##### Philippines

Tel: (63-2) 751 6981  
Fax: (63-2) 751 6980

##### Singapore

Tel: (65) 294 9689  
Fax: (65) 294 9783

The Promat Asia Pacific Website  
[www.promat-ap.com](http://www.promat-ap.com)

#### Your local Promat supplier

Promat



# PROMASTOP® UniCollar®

Latest Generation of Fire Collars for Plastic Pipes



### Introduction

PROMASTOP® UniCollar® is a unique method of protecting plastic pipes which pass through fire rated walls and floors. The system is supplied in continuous strip form which is cut to length and attached to the element using ready-made clips. These clips fit into the pre-punched slots on the strip.

The intumescent activating layer is already attached to the metal band and requires no additional fixing.

This whole patented system is packaged in single-ordered box for convenience and lower inventory cost.



### Advantages

Unique patented cut-to-length strip

Single-ordered components strip, brackets, fixings

Easy-to-use dispenser

One size fits all concept

Tested with many types of plastic

Strip moulded with intumescent

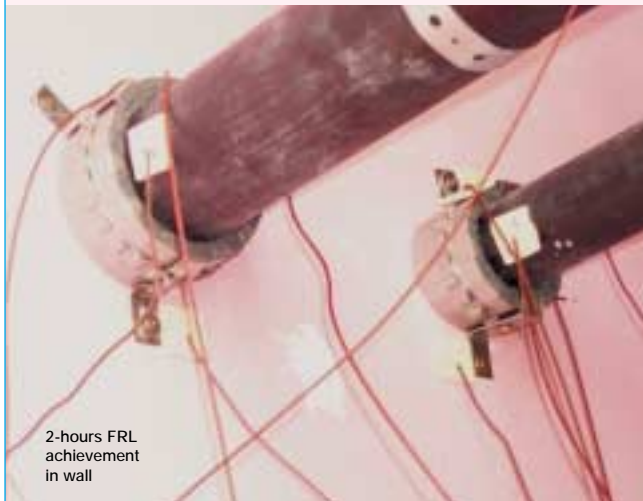
Lower stock inventory cost

### Function

PROMASTOP® UniCollar® is the latest generation of fire collars designed to protect uPVC, HDPE, PP and other plastic pipes which pass through fire rated elements of building construction. The system uses well tested Graftex intumescent technology to effectively block off openings formed when plastic burns in a fire, to leave a solid barrier to maintain the compartment.

### Fire Performance

PROMASTOP® UniCollar® has been extensively tested in several countries to meet both local and ISO testing regimes. Achieving Fire Resistance Level (FRL) up to 4 hours in floors and 2 hours in walls in a variety of plastic pipes for which most countries requirement will be met.



2-hours FRL achievement in wall



Single collar for up to 4 hours of FRL on floor

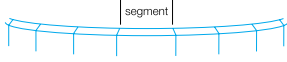


Double (stacked) collars for larger diameter pipes 150mm and above

### Pipe Sizes

The unique feature of the PROMASTOP® UniCollar® is the one size fits all concept of continuous strip technology. This means that the only sizing required is the length of strip to suit the diameter of pipe which is to be protected. The packaging includes a measuring strip to identify the cut off length.

The table on the right summarises these dimensions. The number of segments may vary depending upon the actual pipe size.

Nom. Size	Length of Strip (Guide only)	
		
40mm	225mm	15 segments
50mm	255mm	17 segments
65mm	315mm	21 segments
80mm	360mm	24 segments
100mm	435mm	29 segments
125mm	495mm	33 segments
150mm*	600mm	40 segments
Total number of segments per box is 146 (146 x 15mm = 2190mm) *For pipes 150mm and above, use double UniCollar & clips		




### Pipe Types

PROMASTOP® UniCollar® has been tested on uPVC, HDPE, P/P and other pipes from a variety of suppliers. Individual types of plastic behave differently when exposed to fire and accordingly, many tests are required to satisfy these performance variations. By using the patented continuous strip technology, the variation in the outer diameter of the different pipe types has also been overcome.

### Installation

PROMASTOP® UniCollar® comes to the work site in a boxed strip. The length of collar casing can be gauged in several ways. Refer to the chart above if the diameter of the pipe is known. The circumference of the pipe can be found using the tape provided. The same tape is used to measure the length of collar. See **User Guide** below. The strip of PROMASTOP® UniCollar® is then fixed into place around the plastic pipe with metal restraining brackets which are bolted or screwed to the surrounding surface. Quick. Easy. And a very effective fire stop barrier for plastic pipe penetration.

#### User Guide

<p>1 Fold the blank end of the tape and measure around the pipe</p>	<p>2 Unfold the blank end, measure along the black Graftex and cut it</p>	<p>3 Bend and snap it accordingly</p>
		
<p>4 Shape the collar to required diameter</p>	<p>5 Fit around pipe and use first clip to join ends</p>	<p>6 Secure remaining clips to wall/floor, fix them</p>
