# fire protection piping systems

**Price List** 

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# "We promise you the best...

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## Ordering

**Phone** 8.30am to 5.00pm, Monday to Friday **Fax or email** 24 hours a day, every day. **Online** at shop.ipsflowsystems.com

#### **Prices**

The prices shown in this catalogue are in pounds sterling, excluding VAT, and are current at the time of printing, but can be subject to change due to circumstances beyond our control. All transactions will be subject to our conditions of business, shown at the back of the catalogue.

#### Despatch

Orders placed by 4.30pm on stock items will be packed and shipped the same day. Non-stock items are usually dispatched within 7 days. Our computerised stock control system allows us to confirm availability and delivery date at the time of order.

Delivery

Normal delivery For most parts of the U.K., you can expect to receive your order within 24 hours following despatch. For the Scottish Highlands and Islands, and for Ireland, transit times can be longer. A nominal charge of £13.50 plus VAT is made for this standard service, regardless of the order size. Smaller or less urgent orders may also be shipped







by post, which will normally take up to 5 working days. A nominal charge of up to £4.00 plus VAT is made for this service.

**Special delivery** services are available, including timed early delivery or courier services. Our customer services team will be pleased to advise costs.

## **Payment**

Opening an account is easy using the IPS account application form. Download at www.ips-blazemaster.com. We have an on-line computerised system which allows us to make instant decisions on new accounts, providing immediate despatch where required.

Credit cards, including Mastercard and Visa are accepted. We are also happy to accept debit cards, corporate purchase cards, cheque or cash. IPS have a "no minimum order" policy, which means you never need to order more than you really need.

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#### Peace of Mind Guarantee

IPS are renowned for supplying quality products and for maintaining exceptional customer service. If you are in any way dissatisfied with a product you have purchased from us, or on receipt you find that you have ordered incorrectly, call our customer services team within 7 days to arrange return and full refund for "as new" products (excluding custom-made, non-stock or specially ordered items).

The illustrations, images and technical data detailed in this catalogue are intended to act as a guideline only. Specifications of individual items and installation instructions are subject to change at any time. International Plastic Systems Limited is concerned to maintain consistently the high quality of the products it markets at all times, whether or not those products are of its own manufacture. However, IPS cannot ensure that all descriptions contained in this catalogue are representative of the particular products in question or their installation guidelines. All descriptions however are accurate at the time of going to press. Customers are directed to our Conditions of Business at the back of this catalogue for information on warranties and other contractual issues.

...exceptional service, friendly professional advice, unique solutions"

# **CPVC** pipe and fittings

# **Pipe**

Size Bu		Budget	4.57m Length*		3m Length		ָי
Inch	mm	Price/m	Code	Price	Code	SP	Price
3/4	20	3.65	CP-007	16.68	CP-007-3	20	10.94
1	25	5.85	CP-010	26.73	CP-010-3	20	17.56
<b>1</b> 1/4	32	9.04	CP-012	41.33	CP-012-3	10	27.12
<b>1</b> 1/2	40	12.46	CP-015	56.93	CP-015-3	10	37.39
2	50	18.33	CP-020	83.75	CP-020-3	6	54.98
21/2	65	29.25	CP-025	133.68	CP-025-3	3	87.76
3	80	42.48	CP-030	194.08	CP-030-3	3	127.43

<sup>\*4.57</sup>m available to order

# fittings

# Socket

Socket x Socket						
Size	Code	SP	Price			
3/4	4229-007	25	1.31			
1	4229-010	25	1.76			
11/4	4229-012	10	2.67			
<b>1</b> <sup>1</sup> / <sub>2</sub>	4229-015	10	4.10			
2	4229-020	20	5.58			
21/2	4229-025	5	8.44			
3	4229-030	5	10.92			

# **Reducing Socket**

Socket x Socket					
Size	Code	SP	Price		
1 x 3/4	4229-131	15	1.83		
11/4 x 3/4	4229-167	25	2.77		
11/4 x 1	4229-168	10	2.77		
11/2 x 3/4	4229-210	25	4.01		
11/2 x 1	4229-211	10	4.01		
11/2 x 11/4	4229-212	10	3.81		
2 x 3/4	4229-248	10	5.43		
2 x 1	4229-249	10	5.36		
2 x 11/4	4229-250	10	5.36		
2 x 1 <sup>1</sup> / <sub>2</sub>	4229-251	10	5.21		
21/2 x 11/2	4229-291	10	8.02		
2 <sup>1</sup> / <sub>2</sub> x 2	4229-292	10	8.23		

# **Reducing Bush**

ricadonig	Dusii		
Spigot x Socket			
Size	Code	SP	Price
1 x 3/4	4237-131	50	1.06
11/4 x 3/4	4237-167	25	1.76
11/4 x 1	4237-168	25	1.70
11/2 x 3/4	4237-210	25	2.12
11/2 x 1	4237-211	25	2.05
11/2 x 11/4	4237-212	25	1.90
2 x 3/4	4237-248	10	2.95
2 x 1	4237-249	10	3.09
2 x 1 <sup>1</sup> / <sub>4</sub>	4237-250	10	3.05
2 x 11/2	4237-251	10	2.81
21/2 x 11/4	4237-290	10	5.29
21/2 x 11/2	4237-291	10	5.29
$2^{1/2} \times 2$	4237-292	15	4.79
3 x 2	4237-338	10	7.81
3 x 21/2	4237-339	10	7.26

# Elbow 90°

Socket x Socket					
Size	Code	SP	Price		
3/4	4206-007	30	1.35		
1	4206-010	20	3.03		
1 x 3/4	4206-131	20	2.90		
11/4	4206-012	10	3.86		
11/2	4206-015	10	5.37		
2	4206-020	25	7.36		
21/2	4206-025	5	14.08		
3	4206-030	5	20.12		

# Street Elbow 90°

Socket x Spigot			
Size	Code	SP	Price
3/4	4209-007	50	2.90
1	4209-010	50	4.32
11/4	4209-012	25	6.90
11/2	4209-015	10	8.54
2	4209-020	25	13.08

# Side Outlet Elbow 90°

Socket x Socket x Socket					
Size Code SP Price					
3/4	4213-007	50	4.34		
1	4213-010	50	6.03		

# Elbow 45°

Socket x Socket			
Size	Code	SP	Price
3/4	4217-007	20	1.97
1	4217-010	15	2.26
11/4	4217-012	10	3.45
<b>1</b> <sup>1</sup> / <sub>2</sub>	4217-015	10	4.79
2	4217-020	10	6.18
21/2	4217-025	5	11.26
3	4217-030	5	15.90

# Street Elbow 45°

So	Socket x Spigot					
	Size	Code	SP	Price		
	1	4227-010	50	2.27		
	<b>1</b> 1/4	4227-012	50	3.51		
	11/2	4227-015	25	4.81		
	2	4227-020	20	6.25		

# Elbow 22<sup>1</sup>/2°

Socket x Socket					
Size	Code	SP	Price		
3/4	4216-007	20	2.26		
1	4216-010	20	2.95		
11/4	4216-012	20	4.01		
11/2	4216-015	20	5.49		
2	4216-020	20	6.79		
21/2	4216-025	5	14.78		
3	4216-030	5	21.13		

# Street Elbow 221/2°

Socket x Spigot				
Size	Code	SP	Price	
3/4	4242-007	50	2.33	
1	4242-010	50	3.05	
<b>1</b> <sup>1</sup> / <sub>4</sub>	4242-012	20	4.22	
<b>1</b> 1/2	4242-015	25	5.76	
2	4242-020	20	7.26	
21/2	4242-025	5	10.22	
3	4242-030	5	13.94	









# **CPVC** fittings

# Tee 90°

Socket x Socket					
Size	Code	SP	Price		
3/4	4201-007	20	1.92		
1	4201-010	15	3.78		
11/4	4201-012	10	5.65		
11/2	4201-015	10	8.81		
2	4201-020	10	13.07		
21/2	4201-025	10	22.25		
3	4201-030	5	28.29		

# Street Tee 90°

Socket x Spigot x Socket						
Size	Size Code SP P					
3/4	4244-007	15	3.24			
1	4244-010	15	4.44			
11/4	4244-012	10	7.90			
11/2	4244-015	10	10.28			
2	4244-020	10	15.35			

# Reducing Tee 90°

Reducing ree 90°					
Socket x Socket x Socket					
Size	Code	SP	Price		
3/4 x 3/4 x <b>1</b>	4201-102	15	3.37		
1 x 3/4 x 3/4	4201-125	15	3.24		
1 x 3/4 x 1	4201-126	15	3.53		
1 x 1 x 3/4	4201-131	20	3.24		
1 <sup>1</sup> / <sub>4</sub> x 1 x <sup>3</sup> / <sub>4</sub>	4201-157	20	6.05		
1 <sup>1</sup> / <sub>4</sub> x 1 x 1	4201-158	15	5.91		
11/4 x 1 x 11/4	4201-159	15	6.26		
11/4 x 11/4 x 3/4	4201-167	15	5.86		
11/4 x 11/4 x 1	4201-168	15	6.18		
11/4x 11/4x 11/2	4201-169	10	7.61		
11/2 x 11/4 x 3/4	4201-201	10	7.32		
11/2 x 11/4 x 1	4201-202	10	7.40		
11/2 x 11/2 x 3/4	4201-210	15	7.26		
$1^{1}/_{2} \times 1^{1}/_{2} \times 1$	4201-211	10	7.12		
1 <sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>4</sub>	4201-212	10	7.75		
$1^{1}/_{2} \times 1^{1}/_{2} \times 2$	4201-213	10	11.81		
$2 \times 2 \times ^{3}/_{4}$	4201-248	10	11.34		
2 x 2 x 1	4201-249	10	11.53		
2 x 2 x 1 <sup>1</sup> / <sub>4</sub>	4201-250	10	11.72		
$2 \times 2 \times 1^{1/2}$	4201-251	10	12.12		
$2^{1/2} \times 2^{1/2} \times 1$	4201-289	10	16.34		
$2^{1}/_{2} \times 2^{1}/_{2} \times 1^{1}/_{4}$	4201-290	10	16.75		
$2^{1}/_{2} \times 2^{1}/_{2} \times 1^{1}/_{2}$	4201-291	10	16.91		
$2^{1/2} \times 2^{1/2} \times 2$	4201-292	10	16.91		
3 x 3 x 1	4201-335	5	20.12		
$3 \times 3 \times 1^{1/4}$	4201-336	5	20.12		
3 x 3 x 1 <sup>1</sup> / <sub>2</sub>	4201-337	5	20.12		
3 x 3 x 2	4201-338	5	20.12		
$3 \times 3 \times 2^{1/2}$	4201-339	5	21.12		

# Cross 90°

Socket x Socket x Socket				
Size	Code	SP	Price	
3/4	4220-007	20	2.77	
1 x 3/4	4220-131	20	3.73	
1	4220-010	15	3.53	
11/4	4220-012	10	4.92	
1 <sup>1</sup> / <sub>4 x</sub> <sup>3</sup> / <sub>4</sub>	4220-167	25	5.76	
11/2	4220-015	10	7.04	
2	4220-020	8	11.26	
21/2	4220-025	5	24.07	
2 <sup>1</sup> / <sub>2 x</sub> 1	4220-289	15	16.87	
3	4220-030	5	34.90	
Con				

# Cap

Socket			
Size	Code	SP	Price
3/4	4247-007	25	0.86
1	4247-010	25	1.20
11/4	4247-012	10	2.12
11/2	4247-015	10	2.77
2	4247-020	10	4.10
21/2	4247-025	5	6.18
3	4247-030	5	10.28



# Union

Socket x Socket			
Size	Code	SP	Price
3/4	4257-007	10	4.10
1	4257-010	10	7.04
11/4	4257-012	5	9.17
11/2	4257-015	5	10.92
2	4257-020	5	17.88



# **Transition Union**

Socket x Metal NPT Female Thread				
Size	Code	SP	Price	
1	4259-010BR	10	18.84	
<b>1</b> 1/4	4259-012BR	5	27.96	
11/2	4259-015BR	5	38.56	
2	4259-020BR	5	57.10	



# Socket Flange

Socket - Drilled ASA 150				
Size	Code	SP	Price	
3/4	4251-007	25	3.37	
1	4251-010	15	4.32	
11/4	4251-012	15	5.49	
11/2	4251-015	15	6.42	
2	4251-020	10	10.07	
21/2	4251-025	10	16.47	
3	4254-030	10	20.27	



# **Spigot Flange**

Spigot - Drilled ASA 150					
Size	Code	SP	Price		
3/4	4256-007	25	3.37		
1	4256-010	15	4.79		
11/4	4256-012	15	6.05		
11/2	4256-015	15	6.98		
2	4256-020	10	11.20		
21/2	4256-025	10	18.02		
3	4256-030	10	20.71		



# **Blind Flange**

Drilled ASA 150					
Size	Code	SP	Price		
3/4	4253-007	25	3.32		
1	4253-010	15	4.59		
11/4	4253-012	15	5.71		
11/2	4253-015	15	7.12		
2	4253-020	10	10.78		
21/2	4253-025	10	18.02		
3	4253-030	10	19.57		



# Flange Gasket

EPDM				
	Size	Code	SP	Price
	3/4	863-ASA-007	1	2.16
	1	863-ASA-010	1	2.58
	<b>1</b> 1/4	863-ASA-012	1	3.08
	<b>1</b> <sup>1</sup> / <sub>2</sub>	863-ASA-015	1	3.65
	2	863-ASA-020	1	4.48
	21/2	863-ASA-025	1	6.30
	3	863-ASA-030	1	6.30

# Free Estimating Software



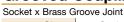
- Installed cost estimating tool
- Works with MS Excel v5+
- Can be adjusted for labour rates
- Free on request or apply online at www.ips-blazemaster.com

# **CPVC fittings**

# adaptor fittings



# **Grooved Coupling Adaptor**





COOKOT A BIGGO GIOGNO COINT			
Size	Code	SP	Price
11/4	4233-012BR	10	23.87
11/2	4233-015BR	10	25.25
2	4233-020BR	10	29.24
2 <sup>1</sup> / <sub>2</sub> x 73.0mm	4233-025BR	5	35.75
2 <sup>1</sup> / <sub>2</sub> x 76.1mm	4233-025M	1	35.75
3	4233-030BR	5	50.42

Code



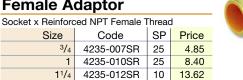
# Male Adaptor

Socket x Metal NPT Male Thread Code Price 3/4 4236-007 40 8.05 4236-010 10 11.80 11/4 4236-012 10 18.08 11/2 4236-015 30.11 10 2 4236-020 5 34.18



# Male Adaptor

Socket x Metal BSP Male Thread				
Size	Price			
3/4	Use 4236-007	40	8.05	
1	4236-010BT	10	12.85	
11/2	4236-015BT	10	32.07	
2	4236-020BT	5	41.17	





# **Female Adaptor**

**Female Adaptor** 

3/4

Size

Socket x Metal NPT Female Thread				
Size	Code	SP	Price	
3/4	4235-007	15	6.63	
1	4235-010	15	11.19	
11/4	4235-012A	15	17.66	
11/2	4235-015A	10	23.54	
2	4235-020A	5	29.57	



# **Spigot Adaptor**

Spigot x Metal NPT Female Thread				
Size	Code	SP	Price	
3/4	4278-007	15	6.91	
1	4278-010	15	12.20	



# **Spigot Adaptor**

Spigot x Reinforced NPT Female Thread			
Size	Price		
3/4	4278-007SR	25	5.00
1	4278-010SR	50	8.90



# **Female Adaptor**

Socket x Reinforced BSP Female Thread			
Size	Code	SP	Price
3/4	4235-007SRBS	25	4.85
1	4235-010SRBS	25	8.40
11/4	4235-012SRBS	10	13.62



# **Adaptor Nipple**

Grey CPVC - BSP Male x NPT Male Threaded **				
Size	Code	SP	Price	
3/4	883-030C	1	3.47	
1	884-030CNTBT	1	6.16	
11/4	885-030CNTBT	1	6.56	
11/2	886-030CNTBT	1	7.10	
2	887-030CNTBT	1	8.73	

<sup>\*\*</sup> Not listed by LPCB, UL or FM



# Female Adaptor

Socket x ivietal BSP Female Thread ""				
Size	Price			
11/2	4235-015BS	10	23.54	
2	4235-020BS	10	29.57	



# **Reducing Bush**

Spigot x Metal NPT Female Thread				
Size	Code	SP	Price	
1 x <sup>1</sup> / <sub>2</sub>	4238-130BR	50	6.35	

# **Making Threaded Joints**

We recommend the use of Blue Seal 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
- Apply 2 to 3 wraps
- Tighten hand-tight plus 1<sup>1</sup>/<sub>2</sub> to 2 turns
- Do not overtighten





#### Blue Seal

Size	Code	Price
1 Pint	768-301	22.75

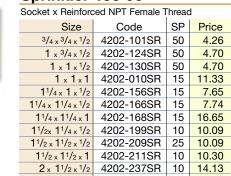


# **PTFE Tape**

BS7786		
Roll Size mm	Code	Price
12x12x0.075	767-120	0.96

# sprinkler adaptor fittings

# Sprinkler Tee 90°





# **Sprinkler Adaptor**

	Socket x Reinforced NPT Female Thread - Metal Start				
_	Size	Code	SP	Price	
	3/4 x 1/2	Z4235-101SR	25	3.17	
_	1 x 1/2	Z4235-130SR	25	3.47	



# **Sprinkler Adaptor**

Socket x Reinforced NPT Female Thread - Wrench Flats				
Size				
3/4 x 1/2	W4235-101SR	50	3.99	
1 x 1/2	W4235-130SR	50	4.36	



# Sprinkler Tee 90°

Op:::::::	.00 00		
Socket x Metal N	PT Female Threa	d	
Size	Code	SP	Price
$3/4 \times 3/4 \times 1/2*$	4202-101	50	5.83
1 x 3/4 x 1/2	4202-124	50	6.32
1 x 1 x <sup>1</sup> / <sub>2</sub> *	4202-130	50	6.32
1 x 1 x 1	4202-010	10	15.00
1 <sup>1</sup> / <sub>4</sub> x 1 x <sup>1</sup> / <sub>2</sub>	4202-156	15	10.15
11/4 x 11/4 x 1/2	4202-166	15	10.15
11/2x 11/4 x 1/2	4202-199	10	13.24
1 <sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>2</sub> x <sup>1</sup> / <sub>2</sub>	4202-209	10	13.47
2 x 1 <sup>1</sup> / <sub>2</sub> x <sup>1</sup> / <sub>2</sub>	4202-237	10	18.54
2 x 2 x <sup>1</sup> / <sub>2</sub>	4202-247	10	18.54
* 41 '111	T. O. C. TM		

2 x 2 x 1/2 4202-247SR 10 14.21 21/2 x 21/2 x 1/2 4202-287SR 10 20.94



# **Sprinkler Adaptor**

Socket x Reinforced NPT Female Thread				
Size	Code	SP	Price	
3/4 x 1/2	4235-101SR	25	3.03	
	4235-130SR		3.32	
1 x <sup>3</sup> / <sub>4</sub>	4235-131SR	10	5.09	



# **Sprinkler Adaptor**

Spigot x Reinforced NPT Female Thread				
	Code			
3/4 x 1/2	4238-101SR	50	3.03	
1 x 1/2	4238-130SR	50	3.24	



# Sprinkler Tee 90°

Socket x Reinforced NPT Female Thread				
Size	Code	SP	Price	
1 x <sup>1</sup> / <sub>2</sub> x 1	4203-122SR	50	5.09	



# Adjustable Sprinkler Adaptor

Socket x Reinforced NPT Female Thread				
Size	Code	SP	Price	
3/4 x 1/2	42001SR	10	8.11	
1 x 1/2	42011SR	10	8.11	



# Sprinkler Tee 90°

•				
Socket x Metal NPT Female Thread				
Size	Code	SP	Price	
1 x <sup>1</sup> /2 x 1	4203-122A	50	9.87	



# **Adjustable Sprinkler Adaptor**

Spigot x Reinforced NPT Female Thread				
Size	Code	SP	Price	
3/4 x 1/2	42004SR	10	8.11	
1 x 1/2	42014SR	10	8.11	



# Sprinkler Elbow 90°

Socket x Reinforced NPT Female Thread				
Size	Code	SP	Price	
$3/_{4} \times 1/_{2}$	4207-101SR	20	2.94	
1 x 1/2	4207-130SR	10	4.13	
1 x 3/4	4207-131SR	50	4.79	
1 <sup>1</sup> / <sub>4 x</sub> <sup>1</sup> / <sub>2</sub>	4207-166SR	25	5.09	



# **Test Plug**

Red HDPE - for Standard Head Adaptors				
Size Code SP Price				
1/2	FTP-005	50	3.78	



# Sprinkler Elbow 90°

Socket x Metal NPT Female Thread					
Size	Code	SP	Price		
3/4 x 1/2*	4207-101	20	4.13		
1 x 1/2*	4207-130	15	5.30		
1 x 3/4	4207-131	25	6.63		
11/4 x 1/2	4207-166	10	7.51		

<sup>\*</sup> Also available with TorqueSafe™ connection

# **CPVC fittings**

# sprinkler adaptor fittings metal thread



# **TorqueSafe™** Sprinkler Adaptor

Socket x Brass NPT Female Thread EPDM Seal (No Thread Sealant Required)

Size	Code	SP	Price
3/ <sub>4 x</sub> 1/ <sub>2</sub>	4235-101GS	50	5.46
1 x <sup>1</sup> / <sub>2</sub>	4235-130GS	50	5.52
1 x 3/4	4235-131GS	50	8.13



# **Sprinkler Adaptor**

Socket x Metal NPT Female Thread				
Size	Code	SP	Price	
3/4 x 1/2	4235-101	50	4.36	
1 x <sup>1</sup> / <sub>2</sub>	4235-130	50	4.41	
1 x 3/4	4235-131	50	6.91	



# **Sprinkler Adaptor**

Spigot x Metal NPT Female Thread					
Size	Code	SP	Price		
3/4 x 1/2	4238-101GS	50	3.64		
1 x 1/2	4238-130GS	50	3.90		



# **Sprinkler Adaptor**

Socket x Metal NPT Female Thread				
	Code			
1 x <sup>1</sup> / <sub>2</sub>	L4235-130A	50	3.32	
Long Body				



# Sprinkler Tee 90°

Socket x Metal NPT Female Thread

Cocket x Wetai W 1 Tomaio Tilload				
е				
1				
1				
3				
9				
0				
2				



# **Sprinkler Adaptor**

Socket x Metal NPT Female Thread				
	Code			
3/4 x 1/2	4.04			
With Positioning Ring				



# **Sprinkler Adaptor**

Spigot x Metal NPT Female Thread				
Size	Code	SP	Price	
3/ <sub>4 x</sub> 1/ <sub>2</sub>	4238-101	50	4.13	
1 x 1/2	4238-130	50	4.41	



# Sprinkler Elbow 90°

Socket x Metal NPT Female Thread					
	Size	Code	SP	Price	
		4207-101GS		5.17	
	1 x <sup>1</sup> / <sub>2</sub>	4207-130GS	15	6.65	
	11/4 x 1/2	4207-166GS	10	7.67	

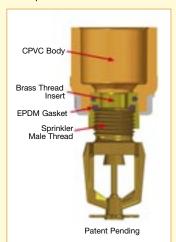


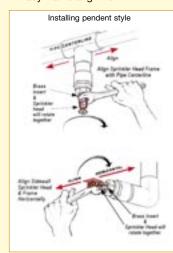
# **Test Plug**

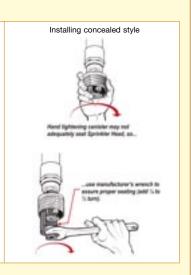
PVC - For TorqueSafe™ Head Adaptors				
Size Code SP Price				
1/2	FTP-005GS	50	3.97	

# **Torque Safe™ Sprinkler Adaptors**

- Eliminates radial stress
- Requires no thread sealant
- · Prevents over tightening
- · Easy frame alignment







# Installation is quick and easy:

- · Solvent weld fitting and allow to cure
- Fit sprinkler head hand tight no sealant or tape needed
- Use a wrench to rotate head until aligned

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

# **Residential sprinkler heads**

# sprinkler heads & accessories

## **Pendent**



V2732 V27 K4.9			
	Code		
up to 6.1m	S271KCQH4L	50	22.24

# tools

# **Open Ended Spanner**

Model V27 to suit. V2732 and V2738

1/2	ST0-100-0000	1	20.88		



V2/30 V2/ N4.2				
Room Size	Code	SP	Price	
up to 6.1x5.0m	S271LCQA41	50	22.32	



# **Concealed Wrench**

Model V39 to suit V2736

	Code		
1/2	ST6-2J0-0000	1	97.32



# **Concealed Pendent**

V2736 V27 K4.9			
	Code		
up to 6.1m	S271NCQH1L	50	17.42



# **Concealed Socket Wrench**

Model V38-4 to suit V3806

	Code		
1/2	ST2-1N0-0000	1	32.49



# Flush Pendent (Chrome)\*

V2902 V29 K4.1			
Room Size	Code	SP	Price
up to 6.1m	S291MCQB20	50	32.20

<sup>\*</sup> Also available in white



# Flush Wrench

Model V29 to suit V29	102

	Code		
1/2	ST5-1M0-0000	1	97.14



# Concealed Adjustable Pendent

V3806 V38 K5.6

	Code		
up to 6.1m	S381NCQ41L	50	17.42



# **Dome Cover**

To suit V2736

Colour	Code	SP	Price
White	S2706A0040	50	9.74





V2736 Concealed pendent with dome cover



V2902 Flush pendent with optional chrome cover



V3806 Concealed pendent with flat cover



V2738 Pendent with recessed rosette

# **Optional Chrome Cover\*** To suit V2902

Colour	Code	SP	Price
Chrome	SEF000020	50	13.66

<sup>\*</sup> Also available in white

# Flat Cover

То	suit	V3806	

	Code		
White	S3806AS040	50	8.69



# **Single Piece Rosette**

Decorative cover	for pendent	and sidewa	ll pendent
Colour	Cada	I CD	Drice

	Code		
White	SE2-100-0040	50	4.56



# 2 Part Rosette

To convert V2732 pendent & V2738 sidewall

pendent into a re	cessea penaent		
Colour	Code	SP	Price
White	SE0-100-054B	50	5.26

# **CPVC** valves and controls

# controls

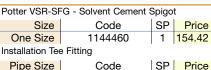
# **Resi-Riser Kit**

Complete with flow switch, drain/test point and pressure gauge Inlet Male BSP Outlet CPVC Socket

Size	Code	SP	Price
1	1119067	1	309.99
11/4	1119077*	1	326.09
11/2	1119087	1	376.38
2	1119097	1	422.71

<sup>\*</sup> Inlet 11/4" solvent socket

# Flow Switch



Pipe Size	Code	SP	Price
1	4201-010	1	3.78
11/4	4201-168	1	6.18
11/2	4201-211	1	7.12
2	4201-249	1	11.53

Spigot Adaptor - Connects Flow Switch to Tee					
Size	Code	SP	Price		
One Size	5180203	1	15.46		

# **Resi-Riser Kit**



- Compact Design
- BSP male inlet (11/4" solvent socket)
- Can monitor Flow as low as 15 litres per minute
- · Flow switch included

# F-1000 Flowmeter



	Size	Flow Range I/min	Code	SP	Price
	1	20-200	RB-100MB-LPM1	1	248.52
	<b>1</b> 1/2	25-250	RB-150MB-LPM2	1	294.01
Ī	<b>1</b> 1/2	40-400	RB-150MB-LPM3	1	294.01
	2	25-250	RB-200MB-LPM2	1	305.63
	2	40-400	RB-200MB-LPM3	1	305.63

Complete with Male BSP Threaded Installation Tee

	Flow			
Size	Range I/min	Code	SP	Price
1	20-200	RB-100MB-LPM1	1	248.52
<b>1</b> 1/2	25-250	RB-150MB-LPM2	1	294.01
<b>1</b> 1/2	40-400	RB-150MB-LPM3	1	294.01
2	25-250	RB-200MB-LPM2	1	305.63
2	40-400	RB-200MB-LPM3	1	305.63

# F-1000 Flowmeter & **Totaliser**

**Battery Operated** 

Complete with Male BSP Threaded Installation Tee

Size	Flow Range I/min	Code	SP	Price
1	20-200	RT-100MB-LPM1	1	396.49
11/2	25-250	RT-150MB-LPM2	1	441.97
11/2	40-400	RT-150MB-LPM3	1	441.97
2	25-250	RT-200MB-LPM2	1	453.57
2	40-400	RT-200MB-LPM3	1	453.57

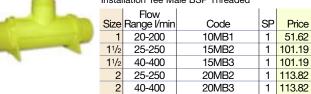
# F-1000 Flowmeter



- Battery powered (2 x AA batteries)
- Easy to read LCD display
- Connections 1", 11/2" or 2" male BSP
- · Ideal for portable water flow checking

# Flowmeter Accessories







Service Removal Plug\*

Size	Code	SP	Price
One Size	F-900K	1	7.49

Used to blank off unused branch

Please Note: All items on this page must be fitted after a WRAS approved check valve when used in residential applications.

# **CPVC** valves, clamps and hangers

# valves

# **Ball Valve**

Socket x Socket - For Residential Applications Only

Size	Code	SP	Price
1/2	6622-005CO	10	29.22
3/4	6622-007CO	10	38.87
1	6622-010CO	10	48.22



	IYE	
Fia	22	Stra

Fig 22 Strap Hanger

Zinc Plated Carbon Steel				
Size	Code	SP	Price	
3/4	22-007	100	0.93	
1	22-010	100	0.96	
11/4	22-012	100	1.05	
11/2	22-015	100	1.12	
2	22-020	100	1.31	



# **Lockable Ball Valve**

Grey CPVC Body - CPVC Socket x CPVC Socket For Residential Applications Only

Size	Code	SP	Price
3/4	1822-007CFG	1	57.58
1	1822-010CFG	1	68.55
11/4	1822-012CFG	1	108.98
11/2	1822-015CFG	1	115.09
2	1822-020CFG	1	153.92



Fig 23 Strap Hanger

	<u> </u>		
Zinc Plated Carbo	on Steel		
Size	Code	SP	Price
3/4	23-007	100	1.01
1	23-010	100	1.03
11/4	23-012	100	1.12
11/2	23-015	100	1.18
2	23-020	100	1.39



# **Check Valve**

Socket x Socket - For Residential Applications Only

Size	Code	SP	Price
1	S1520-10CO	20	36.82
<b>1</b> 1/4	S1520-12CO	12	41.15
<b>1</b> 1/2	S1520-15CO	12	46.28



Fig 24 Side Hanger

Zinc Plated Carbon Steel Size Code Price 24-007 100 1.19 24-010 100 1.24 11/4 24-012 1.33 100 24-015 100 1.45 2 24-020 100 1.69



NPT Threaded - For Residential Applications Only

Size	Code	SP	Price
	S1520-10FSRSCO		39.89
	S1520-12FSRSCO		46.05
11/2	S1520-15FSRSCO	12	54.62



# Fig 200 Band Hanger

Zinc Plated Carbon Steel

Size	Code	SP	Price
3/4	200-007M	100	0.83
1	200-010M	100	0.87
11/4	200-012M	100	0.89
11/2	200-015M	100	0.96
2	200-020M	100	0.98
21/2	200-025M	100	2.13
3	200-030M	50	2.07



# **Pressure Gauge**

0-20 Bar (0-300psi) 1/4" back entry

		•	
Size	Code	SP	Price
1/4	GAUGE63	1	9.46



# Fig 25 Surge Restrainer

Zinc Plated Carbon Steel

Size	Code	SP	Price
One Size	25-007020	100	1.25

Requires Fig 200 Band Hanger (see picture)



# **Mupro Single Boss Clamp**



	Clamping range		
Size	mm	Code	Price
3/4	26-30	127329	2.47
1	32-38	127064	2.60
<b>1</b> 1/4	40-46	127093	3.00
11/2	48-54	127075	3.13
2	60-66	127249	3.53
21/2	72-80	127261	5.43
3	88-92	127311	5.69

# Offset Hanger

Zinc Plated Carbon Steel					
Size	Code	SP	Price		
1 514-010		100	2.94		
1 <sup>1</sup> / <sub>4</sub> 514-012 1 <sup>1</sup> / <sub>2</sub> 514-015		100	3.11		
		100	3.40		
2	514-020	100	3.64		





	Nut with Dual		
Size	Thread	Code	Price
80x30x3	M8/M10	112397	1.32

# **Threaded Rod**



Size	Length	Code	Price
M8	1000	113639	1.38
M10	1000	113467	1.67

# **CPVC tools and accessories**

# tools

# **Quick Release Cutter**



Code	Price
04114	65.72
04124	112.67
04134	138.95
	04114 04124

# accessories

# **Solvent Cement**



Size		SP	Price
Pint (473ml)	FS5-020	12	19.27

# **Deburring Tools**



Type	Size	Code	Price
DEB0	All	04434	8.06
DEB3	All	04437	18.46
DEB2	3/4 - 2	04436	25.52
DEB4	11/4 - 3	04430	87.50

# **How Much Cement?**

Pipe Size	Joints per Pint	
3/4	135	
1	90	
11/4	65	
11/2	50	
2	35	
21/2	25	
3	20	

# **Strap Wrench**



Coated Polyester Strap		
Pipe Size	Code	Price
3/4 - 2	02248	44.93
3/4 - 3	02247	50.87



#### **Brush**

Size	Code	SP	Price
1	PB-1	100	8.30



# **Internal Pipe Cutter**

Ideal for cutting sprinkler drop pipes

Pipe Size	Code	Price
min 3/4	04507	32.34
min 11/4	04505	32.34



#### Can-Mate Dauber

Size	Code	SP	Price
3/4 Dia*	CM-75	50	4.99
11/2 Dia**	CM-150	50	4.99

Fits Pint or Quart Cans, for pipe size 3/4 - 11/4

# **Important Note - Training**



CPVC Fire Sprinkler Piping Systems form part of a life safety system, and must therefore only be installed by suitably qualified and trained



personnel. It is mandatory that all installers complete a training course in the installation of CPVC fire sprinkler systems prior to commencing any work. IPS Flow Systems provide certified Third party accredited training in accordance with the ISO 9000-2008 standard, either on-site, or at our in-house training facility. On completion of the training, a skill card, endorsed and issued by the system manufacturer, will be issued to fully trained installers. It is recommended that this training be renewed every two years.

Please contact our sales team for further details.



# **Thread Sealants**

PTFE Tape			
Size	Code	SP	Price
12m x 12mm	767-120	10	0.96



#### Blue Seal Jointing Compound

Size	Code	SP	Price
1 Pint	768-301	12	22.75



# **Intumescent Sealant**

Firewise

Size	Code	SP	Price
300ml	TAC-300	12	7.62



# **Groove Joint Lubricant**

<b>E</b> 7	_	luch
ĿΖ	Н	Iusr

Size	Code	SP	Price
1 Pint	87717	24	8.05

<sup>\*\*</sup> Fits Pint or Quart Cans, for pipe size 11/2 - 3

# **DecoShield®** cover systyem



# extruded CPVC cover system







- Clean, quick and easy to install
- Ideal for retrofit installations
- Neutral off-white colour
- UL/ULC Listed as a covering for all types of sprinkler piping
- Standard 71/2 feet (2.25 metre) lengths
- U-shield systems available for ceiling (pendent) installations
- L-shield systems available for sidewall installations

# **L-shield**

## **DecoShield Cover**

L-Shield Sidewall - 7'6" length



Pipe Size*	Code
3/4 & 1	SD-100L-07-00
11/4 & 11/2	SD-125L-07-00
2	SD-200L-07-00
21/2	SD-250L-07-00

\* Shown for CPVC; please enquire for metal pipe installations



# **U-shield**

## **DecoShield Cover**

U-Shield Pendant - Flat Surface - 7'6"

Pipe Size*	Code	
3/4 & 1	SD-100U-07-00	
11/4	SD-125U-07-00	
1 <sup>1</sup> /2 & 2	SD-200U-07-00	

\* Shown for CPVC; please enquire for metal pipe installations





L-Shield Sidewall			
Shield Size	Code		
1	OC-100L-90-00		
1	OC-100L-45-00		
11/4	OC-125L-90-00		
11/4	OC-125L-45-00		
2	OC-200L-90-00		
2	OC-200L-45-00		
21/2	OC-250L-90-00		
21/2	OC-250L-45-00		

# **U-Outside Corner**

U-Shield Pendant - Flat Surface

Shield Size	Code
1	OC-100U-90-00
1	OC-100U-45-00
11/4	OC-125U-90-00
11/4	OC-125U-45-00
2	OC-200U-90-00
2	OC-200U-45-00

# L-Transition Tee

L-Shield Sidewall, (LxLxU)



	, ,
Shield Size	Code
100x100x100	TT-100L-00-00
125×125×125	TT-125L-00-00
125×125×100	TT-125L-10-00
125×125×200	TT-125L-20-00
200x200x200	TT-200L-00-00
200x200x125	TT-200L-25-00
250x250x200	TT-250L-20-00

# **U-Shield Tee**

Pendant - Flat Surface, (UxUxU)

Shield Size	Code	
100×100×100	TJ-100U-00-00	
125×125×125	TJ-125U-00-00	
200x200x100	TJ-200U-00-00	

# **Sprinkler Housing -**L Design



L-Siliela Sidewali Double Stop			
Shield Size	Code		
1	SH-100L-DS-00		
1 <sup>1</sup> /4	SH-125L-DS-00		
2	SH-200L-DS-00		

# U-90° Elbow

U-Shield Pendant - Flat Surface

Shield Size	Code
1	EB-100U-90-00
1	EB-100U-45-00
11/4	EB-125U-90-00
11/4	EB-125U-45-00
2	EB-200U-90-00
	ED 20011 45 00

# **U-Cross**

U-Shield Pendant - Flat Surface

Shield Size	Code	
1	TC-100U-00-00	
11/4	TC-125U-00-00	
2	TC-200U-00-00	
$1^{1}/4 \times 1$	TC-125U-10-00	
2 x 1 <sup>1</sup> / <sub>4</sub>	TC-200U-25-00	

# **DecoShield Cover System**



The innovative Decoshield system provides UL/ULC approved decorative covering for fire sprinkler systems in residential and domestic applications. Only a small sample of the available range is shown here - please contact our sales team for full details and prices.



# **Sprinkler Housing -U** Design

U-Shield

Pendant - Flat Surface Continuous

Shield Size	Code	
1	SH-100U-00-00	
11/4	SH-125U-00-00	
2	SH-200U-00-00	

# FM approved pipe and electrofusion fittings





# PE100 FM Approved Pipe - PN12

6m Lengths \*

		1	
Pipe Size			
DN	OD	Code	Price/m
50	63	25 705 0063 11FM	8.34
65	75	25 705 0075 11FM	11.62
75	90	25 705 0090 11FM	16.67
100	110	25 705 0110 11FM	24.87
110	125	25 705 0125 11FM	32.01
125	140	25 705 0140 11FM	40.07
150	160	25 705 0160 11FM	52.72
165	180	25 705 0180 11FM	66.29
175	200	25 705 0200 11FM	97.51
200	225	25 705 0225 11FM	103.35
225	250	25 705 0250 11FM	127.79
250	280	25 705 0280 11FM	159.50
300	315	25 705 0315 11FM	202.55
350	355	25 705 0355 11FM	256.88
370	400	25 705 0400 11FM	325.41

<sup>\* 12</sup>m lengths to order

#### • Factory Mutual (FM) approved for underground fire service

- Fully tested and audited by FM
- Suitable for service use at pressures up to 12 bar
- Electrofusion or butt fusion welding
- Welding equipment for sale or hire



Standard PE 100 also available - contact our sales team for further details

# **Electrofusion Coupling**



Size	Code	Price
63	25 173 0063 11FM	11.94
75	25 173 0075 11FM	17.03
90	25 173 0090 11FM	22.70
110	25 173 0110 11FM	27.30
125	25 173 0125 11FM	38.37
140	25 173 0140 11FM	43.22
160	25 173 0160 11FM	52.91
180	25 173 0180 11FM	75.90
200	25 173 0200 11FM	89.66
225	25 173 0225 11FM	115.49
250	25 173 0250 11FM	170.19
280	25 173 0280 11FM	229.96
315	25 173 0315 11FM	277.41
355	25 173 0355 11FM	507.14
400	25 173 0400 11FM	635.90

# Electrofusion Elbow 45°



Size	Code	Price
63	25 170 0063 11FM	28.37
75	25 170 0075 11FM	40.61
90	25 170 0090 11FM	50.58
110	25 170 0110 11FM	81.11
125	25 170 0125 11FM	102.06
160	25 170 0160 11FM	189.04
180	25 170 0180 11FM	on application
225	25 170 0225 11FM	515 54

# **Electrofusion Reducer**



Size	Code	Price
Size	Code	riice
90x63	25 177 9063 11FM	38.12
110x63	25 177 1163 11FM	62.14
110x90	25 177 1190 11FM	62.14
125x90	25 177 1290 11FM	on application
160x90	25 177 1690 11FM	108.36
160x110	25 177 1611 11FM	111.12
180x125	25 177 1812 11FM	on application
225x160	25 177 2216 11FM	252.22

# **Electrofusion Cap**



Size	Code	Price
90x63	25 177 9063 11FM	38.12
110x63	25 177 1163 11FM	62.14
110x90	25 177 1190 11FM	62.14
125x90	25 177 1290 11FM	on application
160x90	25 177 1690 11FM	108.36
160x110	25 177 1611 11FM	111.12
180x125	25 177 1812 11FM	on application
225x160	25 177 2216 11FM	252.22

	I	
Size	Code	Price
63	25 174 0063 11FM	24.62
75	25 174 0075 11FM	38.93
90	25 174 0090 11FM	55.00
110	25 174 0110 11FM	70.58
125	25 174 0125 11FM	86.73
140	25 174 0140 11FM	113.84
160	25 174 0160 11FM	121.84
180	25 174 0180 11FM	159.98
200	25 174 0200 11FM	189.15
225	25 174 0225 11FM	222.97
250	25 174 0250 11FM	358.65
280	25 174 0280 11FM	492.77

315 25 174 0315 11FM 612.92

# **Electrofusion Tee 90°**

Fusion Spigot Branch



Size	Code	Price
63	25 176 0063 11FM	28.37
75	25 176 0075 11FM	39.93
90	25 176 0090 11FM	50.58
110	25 176 0110 11FM	81.05
125	25 176 0125 11FM	102.06
160	25 176 0160 11FM	189.04
180	25 176 0180 11FM	on application
225	25 176 0225 11FM	515.54

## Electrofusion Elbow 90°



Size	Code	Price
63	25 171 0063 11FM	28.37
75	25 171 0075 11FM	40.61
90	25 171 0090 11FM	50.58
110	25 171 0110 11FM	81.05
125	25 171 0125 11FM	102.06
160	25 171 0160 11FM	189.04
180	25 171 0180 11FM	on application
225	25 171 0225 11FM	515.54

# **Automatic Electrofusion Welding Machine**

- · Barcode or manual entry
- Welding is fully monitored throughout



- Illuminated display
- Fault messages displayed plus warning signal
- Memory records weld information
- Data output to PC or printer
- 110v or 230v supply Available for sale or hire

# FM approved fusion spigot fittings



# Tee 90°



Short Spigots						
Size	Code	Price				
63	25 006 0063 11FM	11.53				
75	25 006 0075 11FM	23.21				
90	25 006 0090 11FM	34.66				
110	25 006 0110 11FM	50.91				
125	25 006 0125 11FM	70.09				
140	25 006 0140 11FM	88.82				
160	25 006 0160 11FM	149.42				
180	25 006 0180 11FM	191.47				
200	25 006 0200 11FM	274.49				
225	25 006 0225 11FM	326.36				
250	25 006 0250 11FM	415.21				
280	25 006 0280 11FM	559.30				
315	25 006 0315 11FM	797.46				
355	25 006 0355 11FM	931.99				
400	25 006 0400 11FM	1391.59				

# Tee 90°



Elongated					
Size	Code	Price			
63	25 066 0063 11FM	15.52			
75	25 066 0075 11FM	25.79			
90	25 066 0090 11FM	36.67			
110	25 066 0110 11FM	53.66			
125	25 066 0125 11FM	73.66			
140	25 066 0140 11FM	118.37			
160	25 066 0160 11FM	153.60			
180	25 066 0180 11FM	201.56			
200	25 066 0200 11FM	288.87			
225	25 066 0225 11FM	343.15			
250	25 066 0250 11FM	443.08			
280	25 066 0280 11FM	662.57			
315	25 066 0315 11FM	850.88			

# Reducing Tee 90° Short Spigots



Short Spigots					
Size	Code	Price			
125x63	25 016 1263 11FM	67.71			
125x90	25 016 1290 11FM	67.71			
140x63	25 016 1463 11FM	84.95			
140x90	25 016 1490 11FM	86.34			
140x110	25 016 1411 11FM	86.34			
160x125	25 016 1612 11FM	143.26			
180x63	25 016 1863 11FM	177.87			
180x110	25 016 1811 11FM	177.87			
180x125	25 016 1812 11FM	183.58			
225x125	25 016 2212 11FM	309.71			
250x110	25 016 2511 11FM	408.77			
250x160	25 016 2516 11FM	417.21			

# Reducing Tee 90°



. icaa	,,,,		00				
Elongated							
Size	C	ode		Price			
63x50	25 065	6350	11FM	16.21			
90x63	25 065	9063	11FM	36.16			
110x63	25 065	1163	11FM	53.63			
110x90	25 065	1190	11FM	54.40			
125x90	25 065	1290	11FM	74.60			
125x110	25 065	1211	11FM	74.60			
160x63	25 065	1663	11FM	146.65			
160x90	25 065	1690	11FM	147.90			
160x110	25 065	1611	11FM	151.63			
180x90	25 065	1890	11FM	203.30			
180x110	25 065	1811	11FM	198.45			
180x160	25 065	1816	11FM	203.30			
225x90	25 065	2290	11FM	343.70			
225x110	25 065	2211	11FM	345.08			
225x160	25 065	2216	11FM	346.31			
225x180	25 065	2218	11FM	347.50			
315x110	25 065	3111	11FM	935.96			
315x160	25 065	3116	11FM	935.96			
315x225	25 065	3122	11FM	978.48			
315x250	25 065	3125	11FM	978.48			

# Reducer



Concentric								
S	ize		C	Code			Pric	е
9	0x63	25	009	9063	111	FΜ	18	.87
11	0x63	25	009	1163	111	FΜ	23	.97
11	0x90	25	009	1190	111	FΜ	23	.97
12	5x63	25	009	1263	111	FΜ	30	.81
12	5x90	25	009	1290	111	FΜ	30	.81
125	x110	25	009	1211	111	FΜ	30	.81
14	0x90	25	009	1490	111	FΜ	37	.29
140	x110	25	009	1411	111	FΜ	37	.29
140	x125	25	009	1412	111	FΜ	43	.59
16	0x90	25	009	1690	111	FΜ	43	.59
160	x110	25	009	1611	111	FΜ	43	.59
160	x125	25	009	1612	111	FΜ	43	.59
160	x140	25	009	1614	111	FΜ	43	.59
18	0x90	25	009	1890	111	FΜ	68	.45
180	x110	25	009	1811	111	FΜ	64	.45
180	x125	25	009	1812	111	FΜ	59	.43
180	x140	25	009	1814	111	FΜ	56	.43
180	x160	25	009	1816	111	FΜ	53	.83
225	x140	25	009	2214	111	FΜ	184	.20
225	x160	25	009	2216	111	FΜ	158	.11
225	x180	25	009	2218	111	FM	150	.55
250	x160	25	009	2516	111	FΜ	211	.09
250	x180	25	009	2518	111	FΜ	195	.32
250	x225	25	009	2522	111	FΜ	170	.42
280	x200	25	009	2820	111	FΜ	245	.92
280	x225	25	009	2822	111	FΜ	229	.29
280	x250	25	009	2825	111	FΜ	220	.77
315	x225	25	009	3122	111	FM	265	.42
315	x250	25	009	3125	111	FΜ	242	.61

# Reducer



Concentric - Elongated					
Size	Code	Price			
90x63	25 067 9063 11FM	19.26			
110x63	25 067 1163 11FM	25.91			
110x90	25 067 1190 11FM	25.91			
125x63	25 067 1263 11FM	31.11			
125x90	25 067 1290 11FM	31.11			
125x110	25 067 1211 11FM	31.16			
140x125	25 067 1412 11FM	44.78			
160x90	25 067 1690 11FM	59.78			
160x110	25 067 1611 11FM	59.96			
160x125	25 067 1612 11FM	59.96			
160x140	25 067 1614 11FM	57.98			
180x125	25 067 1812 11FM	77.70			
180x160	25 067 1816 11FM	77.70			
225x160	25 067 2216 11FM	136.98			
250x160	25 067 2516 11FM	185.23			
250x225	25 067 2522 11FM	193.75			
280x250	25 067 2825 11FM	258.20			
315x225	25 067 3122 11FM	332.21			
315x250	25 067 3125 11FM	332.21			

# Cap



Elongated					
Size	Code	Price			
63	25 064 0063 11FM	11.50			
75	25 064 0075 11FM	17.72			
90	25 064 0090 11FM	27.04			
110	25 064 0110 11FM	36.67			
125	25 064 0125 11FM	39.62			
140	25 064 0140 11FM	49.55			
160	25 064 0160 11FM	55.52			
180	25 064 0180 11FM	72.17			
200	25 064 0200 11FM	90.34			
225	25 064 0225 11FM	107.36			
250	25 064 0250 11FM	160.84			
280	25 064 0280 11FM	227.85			
315	25 064 0315 11FM	307.20			
_	•				

# Cap

Short Spigot		
Size		Price
355	25 004 0355 11FM	228.48
400	25 004 0355 11FM 25 004 0400 11FM	307.20

# FM approved fusion spigot fittings

# Bend 90°



Short Spigots		
Size	Code	Price
250	25 001 0250 11FM	306.67
280	25 001 0280 11FM	397.27
315	25 001 0315 11FM	550.44
	25 001 0355 11FM	
400	25 001 0400 11FM	1105.73

# Bend 60°



# Elbow 90°



Elongated		
Size	Code	Price
250	25 061 0250 11FM	324.73
280	25 061 0280 11FM	488.96
315	25 061 0315 11FM	613.53

# Bend 45°

Elongated		
Size	Code	Price
90	25 397 0090 11FM	73.28
110	25 397 0110 11FM	139.47
125	25 397 0125 11FM	on application
140	25 397 0140 11FM	on application
160	25 397 0160 11FM	206.85
180	25 397 0180 11FM	250.03
200	25 397 0200 11FM	on application
225	25 397 0225 11FM	320.32
250	25 397 0250 11FM	501.02
280	25 397 0280 11FM	on application
315	25 397 0315 11FM	on application

# Elbow 45°



	-		
Elongated			
Size	Code	Price	
63	25 060 0063 11FM	16.87	
75	25 060 0075 11FM	21.76	
90	25 060 0090 11FM	26.26	
110	25 060 0110 11FM	50.34	
125	25 060 0125 11FM	62.18	
140	25 060 0140 11FM	81.35	
160	25 060 0160 11FM	94.05	
180	25 060 0180 11FM	102.94	
200	25 060 0200 11FM	140.70	
225	25 060 0225 11FM	167.67	
250	25 060 0250 11FM	324.73	
280	25 060 0280 11FM	488.94	
315	25 060 0315 11FM	613.53	

# Bend 30°

Elongated		
Size	Code	Price
90	25 396 0090 11FM	73.28
110	25 396 0110 11FM	139.47
125	25 396 0125 11FM	on application
140	25 396 0140 11FM	on application
160	25 396 0160 11FM	221.25
180	25 396 0180 11FM	250.03
200	25 396 0200 11FM	on application
225	25 396 0225 11FM	320.32
250	25 396 0250 11FM	486.96
280	25 396 0280 11FM	on application
315	25 396 0315 11FM	on application

# Multi-Bend 90°



Elongated			
Size	Code	Price	
63	25 068 0063 11FM	10.19	
75	25 068 0075 11FM	14.03	
90	25 068 0090 11FM	20.37	
110	25 068 0110 11FM	38.76	
125	25 068 0125 11FM	54.61	
140	25 068 0140 11FM	73.04	
160	25 068 0160 11FM	88.98	
180	25 068 0180 11FM	105.37	
200	25 068 0200 11FM	157.00	
225	25 068 0225 11FM	187.25	

# Bend 22°

Elongated		
Size	Code	Price
90	25 395 0090 11FM	73.28
110	25 395 0110 11FM	139.47
125	25 395 0125 11FM	on application
140	25 395 0140 11FM	on application
160	25 395 0160 11FM	206.85
180	25 395 0180 11FM	250.03
200	25 395 0200 11FM	on application
225	25 395 0225 11FM	320.32
250	25 395 0250 11FM	501.02
280	25 395 0280 11FM	on application
315	25 395 0315 11FM	on application

# Bend 11°



Elongated		
Size	Code	Price
90	25 394 0090 11FM	73.28
110	25 394 0110 11FM	139.47
125	25 394 0125 11FM	on application
140	25 394 0140 11FM	on application
160	25 394 0160 11FM	206.85
180	25 394 0180 11FM	250.03
200	25 394 0200 11FM	on application
225	25 394 0225 11FM	320.32
250	25 394 0250 11FM	501.02
280	25 394 0280 11FM	on application
315	25 394 0315 11FM	on application



# **Pressure Ratings**

FM approved polyethylene fittings are suitable for use handling fluids at pressures up to 12 bar at 20°C.

# FM approved fusion spigot fittings

# Stub Flange



	- J		
Short Spigots			
Size	Code	Price	
63	25 012 0063 11FM	6.75	
75	25 012 0075 11FM	7.96	
90	25 012 0090 11FM	11.42	
110	25 012 0110 11FM	14.69	
125	25 012 0125 11FM	17.72	
140	25 012 0140 11FM	20.71	
160	25 012 0160 11FM	26.10	
180	25 012 0180 11FM	40.56	
200	25 012 0200 11FM	44.64	
225	25 012 0225 11FM	49.73	
250	25 012 0250 11FM	75.48	
280	25 012 0280 11FM	82.26	
315	25 012 0315 11FM	97.17	
355	25 012 0355 11FM	172.49	
400	25 012 0400 11FM	339.80	
	•		

# **Backing Ring**

Polypropy	Polypropylene with Steel Core		
Size	Code	Price	
63	14 014 0063 11	18.08	
75	14 014 0075 11	20.07	
90	14 014 0090 11	23.71	
110	14 014 0110 11	28.19	
125	14 014 0125 11	28.19	
140	14 014 0140 11	43.42	
160	14 014 0160 11	49.71	
180	14 014 0180 11	49.71	
200	14 014 0200 11	70.78	
225	14 014 0225 11	70.78	
250	14 014 0250 11	113.03	
280	14 014 0280 11	113.03	
315	14 014 0315 11	142.03	
355	14 014 0355 11	299.16	
400	14 014 0400 11	338.92	

# Stub Flange



Elongated		
Size	Code	Price
63	25 062 0063 11FM	9.10
75	25 062 0075 11FM	11.82
90	25 062 0090 11FM	15.36
110	25 062 0110 11FM	19.61
125	25 062 0125 11FM	23.87
140	25 062 0140 11FM	30.79
160	25 062 0160 11FM	35.19
180	25 062 0180 11FM	54.22
200	25 062 0200 11FM	61.86
225	25 062 0225 11FM	66.61
250	25 062 0250 11FM	102.43
280	25 062 0280 11FM	154.64
315	25 062 0315 11FM	196.88

# Stub Flance



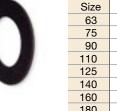
Stub i lange					
To adapt to cast iron flanges					
Size	Code	Price			
63	25 912 0063 11FM				
90	25 912 0090 11FM				
110	25 912 0110 11FM				
125	25 912 0125 11FM				
140	25 912 0140 11FM				
160	25 912 0160 11FM	ON HON			
180	25 912 0180 11FM	on application			
225	25 912 0225 11FM				
250	25 912 0250 11FM				
280	25 912 0280 11FM				
315	25 912 0315 11FM				
355	25 912 0355 11FM				
400	25 912 0400 11FM				



# **Blind Flange**

Polypropylene with steel insert					
Size	Code	Price			
63	14 045 0063 11	72.25			
75	14 045 0075 11	84.55			
90	14 045 0090 11	93.09			
110	14 045 0110 11	127.07			
125	14 045 0125 11	127.07			
140	14 045 0140 11	156.15			
160	14 045 0160 11	197.00			
180	14 045 0180 11	197.00			
200	14 045 0200 11	218.99			
225	14 045 0225 11	218.99			
250	14 045 0250 11	286.50			
280	14 045 0280 11	286.50			
315	14 045 0315 11	417.84			
355	14 045 0355 11	816.00			
400	14 045 0400 11	932.56			

# **Stub Gasket**



Size	Code	Price
63	861-ISO-020	1.82
75	861-ISO-075	2.23
90	861-ISO-031	2.39
110	861-ISO-041	3.49
125	861-ISO-040	3.49
140	861-ISO-051	4.48
160	861-ISO-061	5.13
180	861-ISO-180	10.20
200	861-ISO-080	10.20
225	861-ISO-082	10.20
250	861-ISO-100	12.51
280	861-ISO-101	12.51
315	861-ISO-121	14.18
355	861-ISO-141	19.99
400	861-ISO-161	22.03



# Connection to other materials

Connecting to metal pipe systems, particularly cast or ductile iron, requires care as the pipe diameters differ widely. We can advise on the selection of the correct flange components.

#### International Plastic Systems Limited Terms and Conditions of Business

In these Conditions the following expressions will have the following meanings unless inconsistent with the context:

Business Day: any day excluding Saturday, Sunday or a bank or public holiday in England Contract: any contract between IPS and the Customer for the sale and purchase of the Goods formed in accordance with

clause 3
Contract Price: the total value excluding VAT of the Goods specified in the Order Confirmation
Customer: the customer as stated on the Order Confirmation
Delivery Date: the date upon which the Goods are delivered to the Delivery Point
Delivery Date: the document accompanying the Goods on delivery and to be signed by the Customer or on behalf of the
Customer to acknowledge receipt, whether or not such document is produced by IPS
Delivery Point: IPS's Premises or such other location as specified on an Order Confirmation at which delivery of the Goods
to take place
Due Date: the date by which payment of an invoice is due which shall be as specified by IPS, at IPS's discretion, either 30
days after the date of the invoice or prior to dispatch of the Goods
Fabricated and Custom Made Goods: Goods manufactured, fabricated or modified by IPS or on its behalf pursuant to

designs, drawings or specifications provided by the Customer Goods: the items purchased by the Customer from IPS as specified in an Order Confirmation

designs, grawings or specifications provided by the Customer
Goods: the items purchased by the Customer from IPS as specified in an Order Confirmation
Intellectual Property Rights: all intellectual and industrial property rights including patents, know-how, registered trade
marks, registered designs, utility models, applications for and rights to apply for any of the foregoing, unregistered design
rights, unregistered trade marks, rights to prevent passing off for unfair competition and copyright, database rights,
topography rights, domain names and any other rights in any invention, discovery or process, in each case in the United
Kingdom and all other countries in the world and together with all renewals and extensions
IPS: International Plastic Systems Limited and where the context so admits, any reference to "IPS" shall include its
employees, agents, subcontractors and other persons acting on behalf of IPS
IPS's Premises: Seaham Grange Industrial Estate, Seaham, Co. Durham SR7 0PT
Order: an order for Goods or acceptance of a quotation submitted by the Customer to IPS by email, fax, post or telephone
Order Confirmation: an order confirmation document sent by IPS to the Customer, agreeing to fulfill the Order.
1.3 A reference to a person include the plural and in the plural include the singular.
1.4 A reference to a statute or statutory provision is a reference to it as it is in force for the time being taking account of any
amendment, extension, or re-enactment and includes any subordinate legislation for the time being in force made under it.
1.6 The headings in the Contract are for ease of reference only and shall not affect its construction or interpretation.

- 2 GENERAL APPLICABILITY
  2.1 The Contract shall be on these Conditions to the exclusion of all other terms and conditions (including any terms or conditions which the Customer purports to apply under any Order, confirmation of order, specification or other doct.
  2.2 These Conditions shall only be varied or amended where such variations or amendments have been confirmed in w

#### 3 ACCEPTANCE OF ORDER

- 3.1 Each Order shall be deemed to be an offer by the Customer to buy the Goods subject to these Conditions.3.2 The Customer shall ensure that the terms of its Order and any applicable specification are complete and accurate.
- 3.2 Ine Customer shail ensure that the terms of its Order and any applicable specification are complete and accurate.
  3.3 The Contract is formed when the Customer's Order is accepted by IPS, by way of a written or e-mailed Order Confirmation. In the absence of such Order Confirmation, delivery of the Goods will be deemed conclusive evidence of IPS's acceptance of the Customer's Order.
  3.4 The Customer may not cancel the Contract once IPS has given its Order Confirmation.
  3.5 Any quotation is valid for a period of 30 days only from its date (unless otherwise agreed by IPS in writing), provided that IPS has not previously withdrawn it. All quotations are made subject to the availability of products or materials.

#### THE GOODS

4 THE GOODS
4.1 All samples, drawings, descriptive matter, illustrations, specifications and advertising issued by IPS (or the manufacturer of the Goods) and any descriptions or illustrations contained in IPS's catalogues, brochures and website are issued or published for the sole purpose of giving an approximate idea of the Goods represented or described in them. They will not form part of the Contract and this is not a sale by sample.
4.2 IPS may make changes to the specification, design, materials or finish of the Goods which:
4.2.1 - are required to conform with any applicable safety or other statutory or regulatory requirements; or
4.2.2 - do not materially affect their quality or performance.
4.3 Where a Customer orders goods or materials of a type, size or quality not produced by IPS in the ordinary course of business, IPS will use all reasonable endeavours to execute the Order. If it subsequently proves impossible, impracticable or uneconomical to carry out or complete the Order, IPS reserves the right to cancel the Contract or the incomplete balance thereof, in which event the Customer will only be liable to pay the Contract Price for such part of the Contract as has been performed (if any).

#### 5 PRICES

Unless otherwise expressly stated the Contract Price is exclusive of Value Added Tax and any other tax or duty relating to the performance of the Contract and does not include delivery costs, handling costs or insurance.

- 6 TERMS OF PAYMENT 6.1 The Contract D The Contract Price is payable on or prior to the Due Date and time for payment is of the essence
- 6.1 The Contract Price is payable on or prior to the Due Date and time for payment is of the essence.
  6.2 If the Customer fails to make payment to IPS by the Due Date then without prejudice to any other rights which IPS may have, IPS may without liability suspend future deliveries of Goods on the same Contract and on any other Contract for the Customer until such time as payment is made or satisfactory security for payments has been provided. IPS also reserves the right to charge interest on overdue accounts at the rate of 3% per annum over the Base Lending Rate of National Westminster Bank Limited from time to time. Such interest shall accrue on a daily basis from the Due Date until the date of actual payment of the overdue amount. Notwithstanding this clause 6.2 IPS may in the alternative claim interest at its discretion under the Late Payment of Commercial Debts (interest) Act 1998.
  6.3 All payments payable to IPS under the Contract shall become due immediately upon termination of the Contract despite any other provision.
  6.4 The Customer shall make all payments due under the Contract without any deduction whether by way of set off, counter claim or otherwise unless the Customer has a valid court order requiring an amount equal to such deduction to be paid by IPS to the Customer.
- IPS to the Custome
- 6.5 IPS may deliver the Goods by separate instalments. Each separate instalment will be invoiced and paid for separately.

## DELIVERY DATES

- DELIVERY DATES

  All Delivery Dates quoted or specified in the Contract are estimated only and, unless otherwise agreed by IPS in writing, time for delivery shall not be of essence of the Contract. Lead times shall be computed from the date of IPS's despatch of the Order Confirmation.

  Without prejuide to the generality of clause 7.1, IPS shall not be liable in any circumstances for delay caused by any act or omission of the Customer, including a failure to give detailed or adequate instructions, a failure to take delivery of the Goods when they are ready for delivery, variations requested by the Customer or delays on the part of the third parties supplying goods and/or materials to IPS (whether or not nominated by the Customer).

## 8 DELIVERY

- 8.1 Delivery will take place in one of the following ways as specified in the Order Confirmation and at the Customer's expense:
  8.1.1 the Customer will collect the Goods from the Delivery Point and risk in the Goods passes to the Customer upon signature of the Delivery Note by or on behalf of the Customer.
  8.1.2 the Goods are delivered by IPS to the Delivery Point and risk in the Goods passes upon signature of the Delivery Note by
- the Customer, or

  1.1.3 The Goods are delivered by a courier to the Delivery Point and risk in the Goods passes upon signature of the Delivery
  Note by the Customer.

  1.2. Where goods are delivered by IPS it is done so on the understanding that the Delivery Point is accessible by metalled
  roads and that the Customer is responsible for off-loading and storage thereof.

#### 9 IMPORT AND EXPORT LICENCES

THE CUSTOMER IS responsible for obtaining, at its own cost, such import licences and other documents, licences and consents in relation to the Goods as are required from time to time and, if required by IPS, the Customer shall make those licences and consents available to IPS prior to despatch of the Goods.

## 10 ASSIGNMENT AND SUB-CONTRACTING

The Customer may not assign or transfer or sub-contract any of its rights, benefits or obligations under the Contract without the prior written consent of IPS.

11 FORCE MAJEURE

IPS will be deemed not to be in breach of the Contract or otherwise liable to the Customer in any manner whatsoever for any failure or delay in performing its obligations under the Contract due to circumstances beyond the reasonable control of IPS including acts of God, fire, governmental actions, war or national emergency, acts or threat of terrorism, protests, riot, civil commotion, fire, explosion, flood, epidemic, lock-outs, offical or unofficial strikes or other labour disputes relating to a manufacture or IPS, restraints or delays affecting carriers or inability or delay in obtaining supplies of adequate or suitable materials, inclement, or exceptional weather conditions, shortage of labour, materials, power or the Goods or in the case of Fabricated and Custom Made Goods, stocks or supplies necessary to manufacture such Fabricated and Customer Made Goods, or ontinuous period in excess of 28 days, the Customer Made entitled to give in the date on which the notice is served. days after the date on which the notice is served

- days after the date on which the notice is served.

  12 WARRANTY

  12.1 IPS will, free of charge, within a period of 12 months from the date of delivery of Goods which are proved to the reasonable satisfaction of IPS to be defective due to defects in material, workmanship or design (other than a design made, furnished or specified by the Customer), repair, or at IPS's option, replace, such Goods. The obligation will not apply where:

  12.1.1 the Goods have been improperly altered in any way whatsoever, or have been subject to misuse or unauthorised repair;
  12.1.2 the Goods have been improperly installed or connected;
  12.1.3 any maintenance requirements or instructions as to storage relating to the Goods have not been compiled with;
  12.1.4 the Customer has failed to notify IPS of any defect or suspected defect within 14 days of delivery where the defect should be apparent on reasonable inspection, or within 14 days of the same coming to the knowledge of the Customer where the defect is not one which should be apparent on reasonable inspection, and in any event no later than 12 months from the date of delivery of the Goods.

  12.2 Any Goods which have been replaced will belong to IPS. Any repaired or replacement Goods will have the benefit of the warranty in clause 12.1 for the unexpired portion of the 12 month period from the date of delivery of the original Goods.

- 12.3 In relation to Goods not manufactured by IPS (including parts and components supplied by others for Fabricated and Custom Made Goods) IPS shall, in so far as it is able to do so, transfer to the Customer the benefit of any express guarantee or warranty by the manufacturer or supplier of such Goods.
  12.4 A claim in relation to any Goods in accordance with clauses 12.1 and 12.2 will not entitle a Customer to terminate the Contract or any part thereof or to refuse to take delivery of or pay for the Goods or any other goods (whether under the same or any other contract with IPS).
  12.5 This clause sets out the entire liability of IPS to the Customer in respect of any defects in the Goods.

- LIMITATION OF LIABILITY

  Nothing in these Conditions excludes or limits the liability of IPS for death or personal injury caused by IPS's negligence, fraudulent misrepresentation or for any other matter for which it would be illegal for IPS to exclude or attempt to exclude its liability.
- its liability.

  Subject to clause 13.1, IPS shall not be liable to the Customer for pure economic loss, loss of profit, loss of business, or depletion of goodwill howsoever arising in each case whether direct, indirect or consequential, or any claims for consequential loss whatsoever (howsoever caused including those caused by the negligence of IPS) which arise out of or
- consequential loss whatsoever (howsoever caused including those caused by the negligence of IPS) which arise out of or in connection with the Contract. Subject to clauses 13.1 and 13.2, IPS total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation or otherwise, arising in connection with the performance or contemplated performance of the Contract shall be limited to the lesser of the Contract Price or £1,000,000.

  IPS hereby excludes to the fullest extent permissible in law all conditions, warranties and stipulations, express (other than those set out in the Contract jor implied, statutory, customary or otherwise which, but for such exclusion, would or might subsist in favour of the Customer.
- subsist in Tavour of the Customer.

  14. RETURN OF UNUSED GOODS

  14.1 Goods purchased from IPS may, at IPS's sole discretion, be accepted by IPS for return to stock subject to notice of the return being given to IPS, the Goods being returned to IPS's Premises within 7 Business Days of the Delivery Date, the Goods being in the opinion of IPS in "s new" condition and in original packaging, provided always that such Goods were originally purchased from IPS. This clause 14.1 shall not apply to Fabricated and Custom Made Goods.

  14.2 IPS will issue credit in full for the proportion of the Contract Price to which the Goods returned relate (excluding any carriage or extra costs incurred by IPS in the return of the Goods).

  13. In the event that the Goods to be returned are delivered to IPS after 7 days from the Delivery Date, IPS may, at its sole discretion, accept return of the Goods and reserve the right to apply a minimum handling charge of 15% to any credit issued. The Customer shall in all cases be obliged to provide full details of the Delivery Date and associated documentation.

  14.4 In relation to clauses 14.1 and 14.3 the Customer shall bear the cost of physical delivery of the Goods to IPS's Premises. Risk and title to the Goods will pass to IPS upon the issue of a Returns Receipt Form by IPS to the Customer.

- 15 LOSS OR DAMAGE IN TRANSIT
- Its LOSS OR DAMAGE IN TRANSOI
   Risk of damage to or loss of the Goods will pass to the Customer upon delivery in accordance with clause 8.1
   Claims for any damage, shortage or loss in transit must be made by the Customer as soon as practicable and in any case in writing within 48 hours of the Customer signing the Delivery Note.

#### 16 TITLE TO GOODS

- Title to the Goods will not pass to the Customer until IPS has received in full (in cash or cleared funds) all sums due to it in respect of the Goods and all other sums which are or which become due to IPS from the Customer on any account. Until such time the Customer shall hold the Goods as balled for IPS and shall store the Goods in such a way that they are separately identifiable from other goods of the Customer.
   The Customer shall be entitled to use the Goods in the normal course of business or to resell the Goods to third parties in the normal course of business.
   The Customer's rights under clause 16.2 regarding the Goods or any article manufactured from or incorporating the Goods will terminate immediately upon the occurrence of any of the circumstances set out in clause 17.1.
   IPS will be entitled to recover payment for the Goods notwithstanding that title in any of the Goods has not passed from IPS.

- 16.5 Until title to the Goods has passed to the Customer in accordance with clause 16.1, the Customer grants IPS an irrevocable licence at any time to enter any premises where such Goods are or may be stored in order to inspect them, or, where the Customer's right to possession has terminated, to recover them.

- 17 TERMINATION

  17.1 IPS may by notice in writing terminate the Contract immediately upon the happening of any one or more of the following events or where IPS reasonably anticipates that one of the or more of the following events is about to occur:

  7.1.1 the Customer has a bankruptcy order made against him, becomes insolvent, or makes an arrangement or composition with his creditors, otherwise takes the benefit of any act for the time being in force for the relief of insolvent debtors, has a receiver appointed under the Mental Health Act 1983 or dies; or

  17.1.2 the Customer, being a body corporate convenes a meeting of creditors (whether formal or informal) or enters into liquidation (whether voluntary or compulsory) except a solvent voluntary liquidation for the purpose only of reconstruction or amalgamation, has a receiver, manager, administrator or administrative receiver appointed of its undertaking or any part thereof; or
- 17.1.3 a resolution is passed or a petition presented to any court for the winding-up of the Customer or for the granting of an
- administration order in respect of the Customer; or the Customer has any distraint, execution or other process levied or enforced on any of its property; or
- 17.1.4 the Customer has any distraint, execution or other process levied or enforced on any of its property; or 17.1.5 the Customer ceases to trade; or 17.1.6 the Customer has a change in its senior management and/or control as defined by section 840 Income and Corporation Taxes Act 1988; or 17.1.7 the Customer is in material breach of any of the terms of the Contract and, where the breach is capable of remedy, the Customer fails to remedy such breach within 14 days' service of a written notice from IPS, specifying the breach and requiring it to be remedied. For the avoidance of doubt, a failure to pay any sums due under the Contract on the Due Date shall be a material breach of the terms of the Contract which is not capable of remedy.
  17.2 The termination of the Contract howseever arising shall be without prejudice to the rights and duties of either the Customer or IPS accrued prior to termination and the clauses which expressly or impliedly have effect after termination will continue to be enforceable notwithstanding termination.

#### 18 INTELLECTUAL PROPERTY RIGHTS

- I INTELLECTUAL PROPERTY RIGHTS

  The Customer agrees to indemnify, keep indemnified and hold harmless IPS from and against all costs (including the costs of enforcement), expenses, liabilities, injuries, direct, indirect and consequential loss (all three of which terms include pure economic loss, loss of profits, loss of business, depletion of goodwill and like loss), damages, claims, demands, proceedings or legal costs (on a full indemnify basis) and judgments which IPS incurs or suffers as a consequence of or in connection with any claim made against IPS for actual or alleged infringement of a third party's intellectual Property Rights arising out of or in connection with compiliance by IPS with the Customer's instructions, including use of drawings, designs or specifications supplied by the Customer.

  IPS gives no warranty and makes no representation that the manufacture, use, sale or supply of the Goods does not or will not infringe the rights of any third party or any other Intellectual Property Rights of any third party.

#### PRIVACY POLICY

- Information provided by the Customer relating to individuals will be held by IPS in accordance with the Data Protection Act 1998 and added to IPS's marketing databases. It may be used for internal statistical analysis, to fulfil are requests from the Customer for you may be compared to the Customer for you may be used for internal statistical analysis, to fulfil are protected to the Customer for you may be used to the Customer for your fulfill and to the Customer for the
- customer for further information and services and to contact the Customer by mail, telephone of (if the Customer gives IPS a contact email address) electronic communication about other products or services offered by IPS. IPS may transfer the Customer's details to any successor to the business of IPS (or relevant part of it). This applies to all information that IPS holds about the Customer.

  If the Customer does not wish to receive further information about products or services offered by IPS or if the Customer wishes to have access to, modify, correct or object to the further processing of information then the Customer should either write to the Sales Manager, IPS Flow Systems, Seaham Grange Industrial Estate, Seaham, Co Durham, SR7 0PT, England or send an email to info@ipsflowsystems.com

# 20 REMEDIES

The rights and remedies provided under the Contract are in addition to, and not exclusive of, any rights or remedies provided by law.

#### NOTICES

- Any notice or other communication to be given under the Contract shall be in writing and in the English language and may

- Any notice or other communication to be given under the Contract shall be in writing and in the English language and may be delivered or sent by pre-paid first-class post, fax or electronic mail to the party to be served at the party's registered office or last-known trading address, fax number or e-mail address (as the case may be).

  Any notice or document shall be deemed served:

   if delivered by hand, at the time of delivery;

   if posted, 48 hours after posting;

   if sent by fax, at the time of transmission printed on the transmission confirmation sheet; and

   if delivered by electronic mail, at the time of transmission provided that an automated bounce-back is not received; provided that, where in the case of delivery by hand, fax or electronic mail, such delivery or transmission occurs either after 4.00pm on a Business Day or on a day other than a Business Day, service will be deemed to occur at 9.00am on the next following Business Day. wing Business Day

#### 22 SEVERANCE

- 22.1 If any provision of the Contract (or part of a provision) is found by any court or administrative body of competent jurisdiction to be invalid, unenforceable or illegal, the other provisions shall remain in force.
  22.2 If any invalid, unenforceable or illegal provision would be valid, enforceable or legal if some part of it were deleted, the provision shall apply with the minimum modification necessary to make it legal, valid and enforceable.

23 WAIVER No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy, nor shall it preclude or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall preclude or restrict the further exercise of that or any other right or remedy

#### 24 RIGHTS OF THIRD PARTIES It is not intended that any of the terms of the Contract will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person not a party to it.

25 APPLICABLE LAW
The Contract shall in all respects be governed by and construed in accordance with the Laws of England and the
Customer hereby agrees to submit to the exclusive jurisdiction of the English Courts.



**IPS Flow Systems** 

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OUTLE

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