

# SYSTEM 636 FLUE GAS VENTING

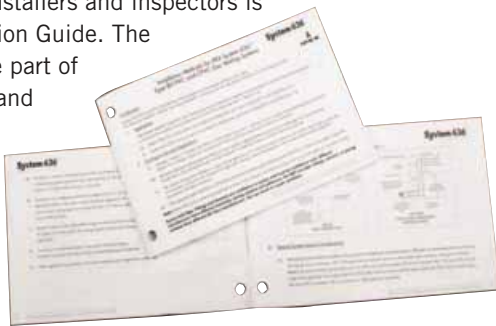
PVC 1-1/2" - 6" (40mm - 150mm)  
CPVC 1-1/2" - 8" (40mm - 200mm)

## System 636®

The use of plastic venting systems on gas fired water heaters, furnaces and boilers has undergone a significant change. CSA B149.1 Natural Gas and Propane Installation Code now requires all special venting material to be certified to ULC S636 across Canada. IPEX addressed this market need with System 636, a fully certified flue gas vent system.

Since the inception of System 636, IPEX has made numerous product line additions and extensions to now offer the most complete product offering in the market. Also, System 636 is very professionally represented by IPEX with sales, technical, code issues and training support.

Front and centre to aid installers and inspectors is the System 636 Installation Guide. The contents of this guide are part of the certification process and contain many important aspects of installation to ensure successful, code-compliant installations. Issues addressed in the Guide include support spacing, expansion and contraction, solvent welding procedures and special installation and terminations.



### APPLICATIONS

- Flue Gas Venting
- Residential or Commercial

### STANDARDS



### DID YOU KNOW?

To help fully understand the procedures for cementing PVC and CPVC System 636 versus traditional ABS material, IPEX offers an on-line System 636 solvent welding refresher course.

### ADVANTAGES

- 1 Fully certified as a complete pipe, fittings and cement system.
- 2 2 system options cover a broad range of operating temperatures.
- 3 Manufactured and supported by the Canadian PVC & CPVC piping system experts.
- 4 No mixing clause of ULC S636 ensures full compatibility of all pipe, fittings and cement.



## TWO CERTIFIED SOLUTIONS

### SYSTEM 636 PVC

System 636 PVC is classified as Type BH Class II A vent, suitable for use on appliances with flue gas temperatures up to and including 65°C (149°F). Sizes include 40, 50, 65, 75 and 100mm (1-1/2", 2", 2- 1/2", 3", 4" and 6"). Coloured white with unique blue certification markings, System 636 PVC pipe is made to sturdy Sch. 40 dimensions to provide a strong, rigid pipe for the application. A full range of certified vent fittings and accessories offered.



### SYSTEM 636 CPVC

System 636 CPVC is classified as Type BH Class II B vent, suitable for use on appliances with flue gas temperatures up to and including 90°C (194°F). CPVC sizes include 40, 50, 65, 75, 100, 150 and 200mm (1-1/2", 2", 2- 1/2", 3", 4", 6" and 8"). Coloured grey, System 636 CPVC pipe is also made to sturdy Sch. 40 dimensions to be tough enough for the application's demands.




### SYSTEM 636 CEMENTS & PRIMERS


System 636 PVC & CPVC solvent cements are specifically formulated and certified for flue gas venting applications. We also offer a PVC & CPVC Primer for applications where the gas venting system is to be installed in temperatures below 0°C (32°F). And our specialized transition cement is required for connection to ABS appliance connectors.

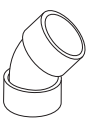



**System 636<sup>®</sup>**  
FLUE GAS VENTING


# PRODUCT SELECTION CHART - SYSTEM 636

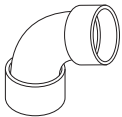
	Material	Dimension		Product Code
		inches	mm	
<b>Gas Vent Pipe</b> Plain End (10ft lengths)	PVC	1-1/2	40	194003
		2	50	194000
		2-1/2	65	194004
		3	75	194001
		4	100	194002
		6	150	194011
	CPVC	1-1/2	40	198003
		2	50	198001
		2-1/2	65	198004
		3	75	198000
		4	100	198002
		6	150	198005
CPVC LG DIA.	8	200	198006	

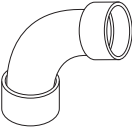
<b>FGV 22-1/2° Elbow</b>		H x H		
	PVC	2	50	196252

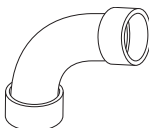
<b>FGV 45° Elbow</b>		H x H		
	PVC	1-1/2	40	196241
		2	50	196242
		2-1/2	65	196487
		3	75	196243
	CPVC	4	100	196244
		2	50	197169
CPVC LG DIA.	3	75	197171	
	4	100	197172	
	6	150	197173	
	8	200	197174	

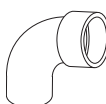
<b>FGV 45° Long Elbow</b>		H x H		
	PVC	2	50	196010
		3	75	196011

<b>FGV 45° Elbow</b>		H x Sp		Product Code
	PVC	2	50	
		3	75	196223

<b>FGV 90° Elbow</b>		H x H		
	PVC	2	50	196035
		2-1/2	65	196525
		3	75	196025
		6	150	196140
	CPVC	2	50	197199
		3	75	197201
CPVC LG DIA.	4	100	197202	
	6	150	197203	
8	200	197204		

<b>FGV 90° Long Elbow</b>		H x H		
	PVC	1-1/2	40	196121
		2	50	196122
		2-1/2	65	196120
		3	75	196123
	CPVC	4	100	196124
		2	50	197122
CPVC LG DIA.	3	75	197123	
	4	100	197124	
6	150	197125		
8	200	197126		

<b>FGV 90° Extra Long Elbow</b>		H x H		
	PVC	2	50	196022
		3	75	196023

<b>FGV 90° Street Elbow</b>		Sp x H		
	PVC	2	50	196232
		3	75	196233

PVC Note: For use with gas fired appliances producing flue gases 65°C (149°F) or less.  
 CPVC Note: For use with gas fired appliances producing flue gases 90°C (194°F) or less.