

Overview

This datasheet identifies the pipe, fittings, labels, remote sampling points, capillary tubing, and related sampling pipe network components for aspirating smoke detection system.

For easy identification and error prevention, the Pertronic sampling pipe is continuously marked: "Aspirated Fire Detection System – Do Not Paint or Obstruct Holes".



Specification

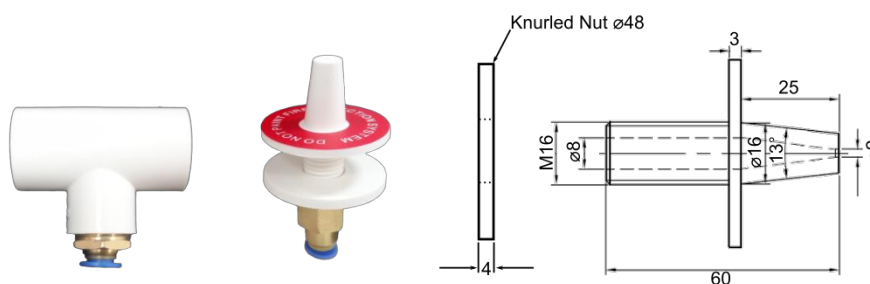
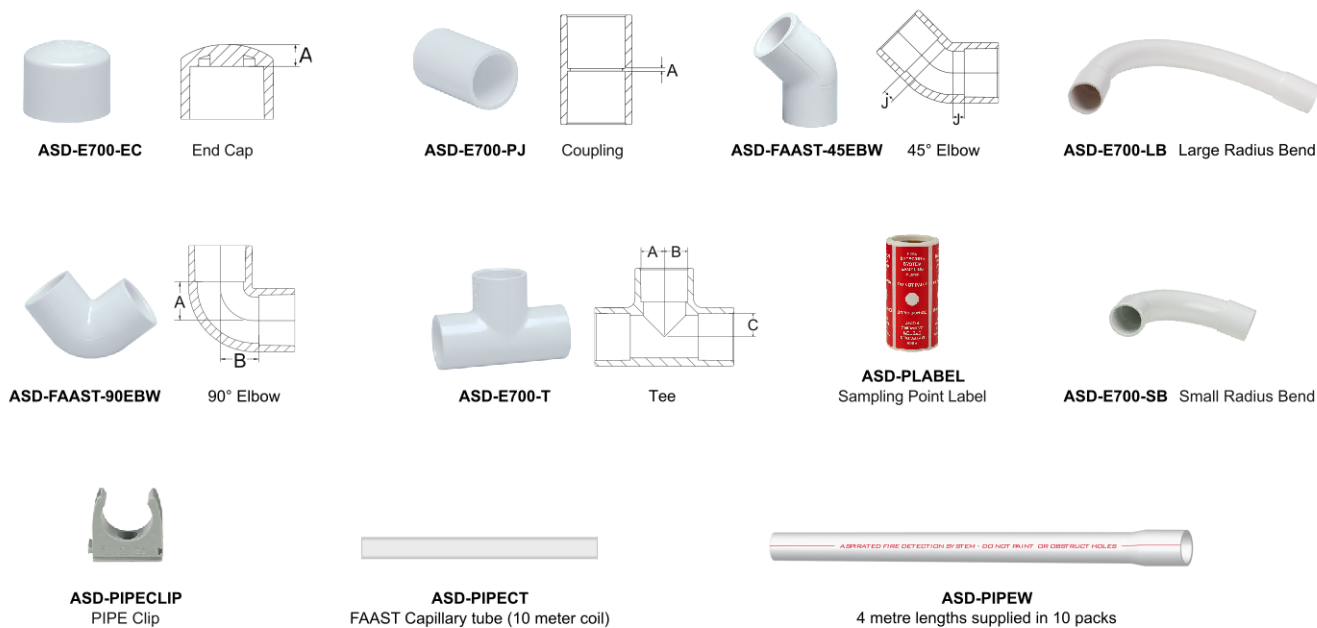
Aspirating Pipe & Pipe Fittings

Pipe Diameter	Outside Diameter (OD)	25 mm	
	Inside Diameter (ID)	21 mm	
Capillary Tube Diameter	Outside Diameter (OD)	8 mm	
	Inside Diameter (ID)	5.2 mm	
Capillary Tube Bend Radius	Minimum	40 mm	
Service Temperature	Pipe and fittings	uPVC	- 20 °C to + 60 °C
	Capillary tube	Nylon 12	- 40 °C to + 90 °C

Dimensions

Part Number	Item	Weight (grams)	A Dim (mm)	B Dim (mm)	C Dim (mm)	J Dim (mm)
ASD-E700-EC	End Cap	9	2.0	-	-	-
ASD-E700-PJ	Coupling	13	1.2	-	-	-
ASD-FAAST-45EBW	45° Elbow	13	-	-	-	2.0
ASD-FAAST-90EBW	90° Elbow	18	15.0	15.0	-	-
ASD-E700-T	Tee Fitting	22	12.5	12.5	12.5	-

Available Products



ASD-PIPESPKIT
FAAST Sampling Point Kit

Ordering Information

Product Code	Description
ASD-PIPEW	Aspirating Pipe, 4 m Length (25 mm Dia.), White uPVC
ASD-E700-EC	Pipe End Cap
ASD-E700-PJ	Pipe Junction Fitting
ASD-E700-T	Pipe 25mm Tee Junction
ASD-FAAST-45EBW	FAAST Pipe, 45° Elbow Bend, White, Single
ASD-FAAST-90EBW	FAAST Pipe, 90° Elbow Bend, White, Single
ASD-E700-LB	Large Radius Bend (150mm)
ASD-E700-SB	Small Radius Bend (90mm)
ASD-PIPECLIP	Aspirating Pipe Clip
ASD-PLABEL	ASD Sampling Point Labels, 100 per Roll
ASD-PIPESPKIT	ASD Sampling Point Kit – for FAAST or VESDA products
ASD-PIPECT	ASD Capillary Tubes, 10m Coils