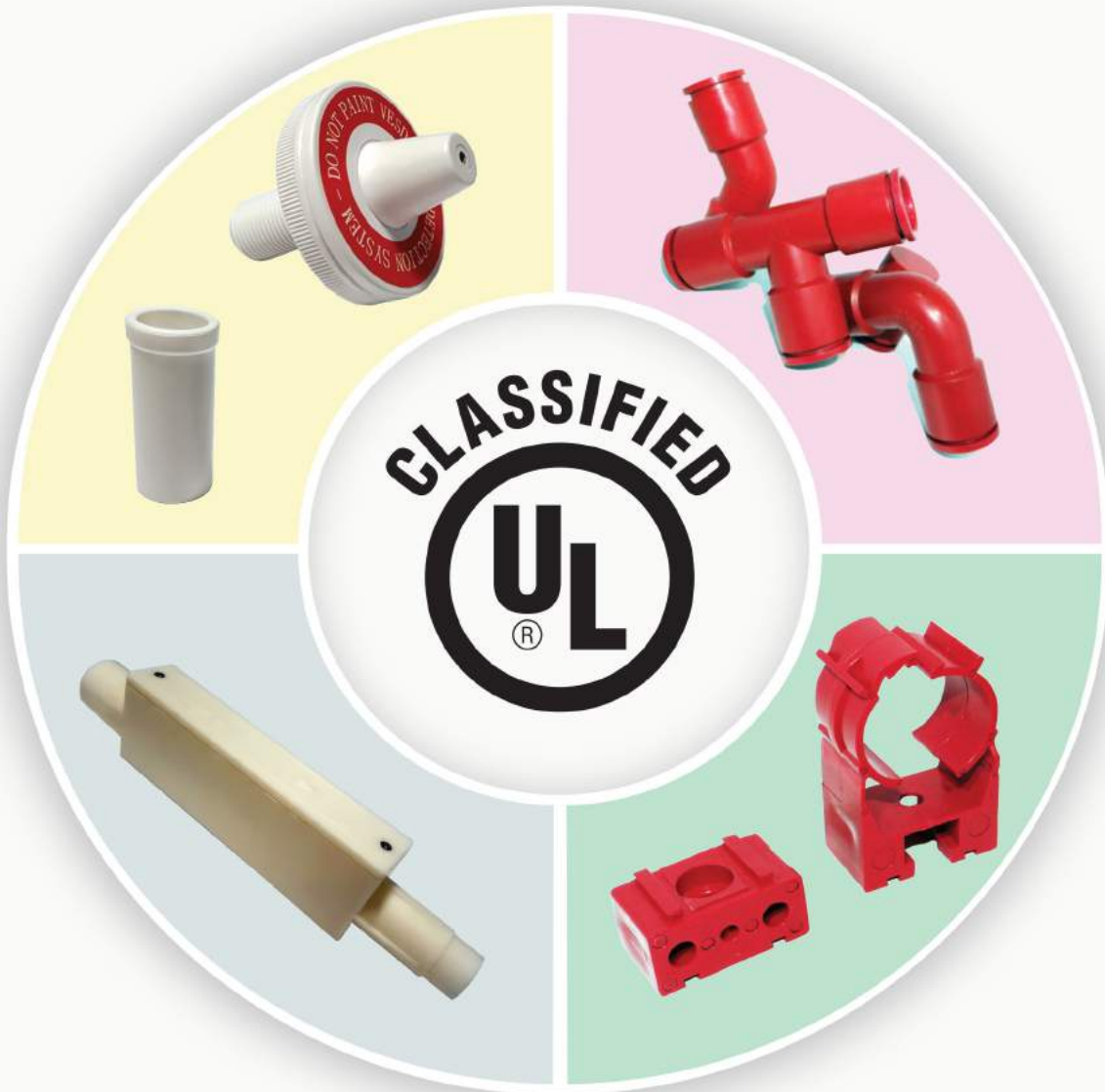


# AIR-SAMPLING PIPE & FITTINGS



**“EASY LOCK”**  
without using  
Chemical Glue

More Efficiently when  
an Aspirating Smoke Detector Installation



# AIR-SAMPLING PIPE & FITTINGS

## NEW TECHNOLOGY · NEW PRODUCTS

### New Technology when an Aspirating Pipe & Fitting for Smoke Detector installed

Effective connection pipes & fittings on an aspirating smoke detector

#### 1. Pipes & Fittings for Aspirating Smoke detector “EASY LOCK”

Traditionally glue or adhesive have been used on a pipe & fitting when an aspirating smoke detection to be installed.

The “EASY LOCK” :

- Not required a chemical adhesive
- Reduced hazards - toxic odor, flammable properties
- Connected in one simple movement - Easy Installation
- Modify a pipe route - Reusable Pipe - Cost-Effective
- UL Classified

#### 2. Sliding Supporter

When the pipe for Aspirating smoke detector to be installed in 2 or 4 rows, normally lots screws have been used on a supporter. But we improved more efficient way, our sliding supporter minimized to use screws with quick installation time, saving labor costs. Also an extra device required at the bottom of the supporter in order to adjust the height

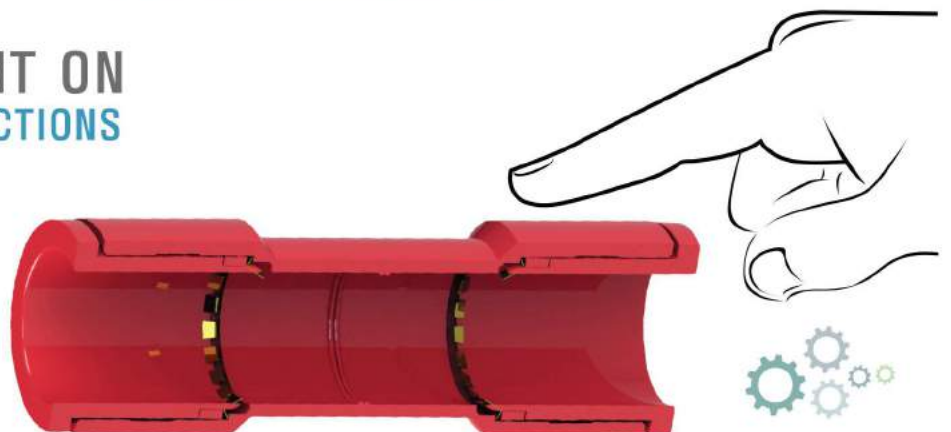


# AIR-SAMPLING PIPE & FITTINGS



## AN IMPROVEMENT ON EXISTING PIPE CONNECTIONS

Easy Lock pipes and fittings are connected in one simple movement and it can be disconnected easily.



# AIR-SAMPLING PIPE & FITTINGS

## PIPE



1. OD\_25mm / ID\_21mm
2. LENGTH : 3m(max)
3. COLOR : RED
4. MATERIAL : PVC / CPVC



## 90° ELBOW(RED)



1. OD\_35mm / ID\_25mm
2. LENGTH : 85mm
3. COLOR : RED
4. MATERIAL : Flame Retardant ABS



## 45° ELBOW(RED)



1. OD\_35mm / ID\_25mm
2. LENGTH : 115mm
3. COLOR : RED
4. MATERIAL : Flame Retardant ABS



## TEE



1. OD\_35mm / ID\_25mm
2. LENGTH : 120mm
3. COLOR : RED
4. MATERIAL : Flame Retardant ABS



# AIR-SAMPLING PIPE & FITTINGS

## END CAP



1. OD\_35mm / ID\_25mm
2. LENGTH : 52mm
3. COLOR : RED
4. MATERIAL : Flame Retardant ABS



## SOCKET



1. OD\_35mm / ID\_25mm
2. LENGTH : 110mm
3. COLOR : RED
4. MATERIAL : Flame Retardant ABS



## CLIP(O-TYPE)



1. SIZE(mm) : 34W×52H×20D
2. COLOR : RED
3. MATERIAL : Flame Retardant ABS

## CLIP(ADAPTOR)



1. SIZE(mm) : 34W×18H×20D
2. COLOR : RED
3. MATERIAL : Flame Retardant ABS

# AIR-SAMPLING PIPE & FITTINGS

## 2(Two)Pipes Supporter



1. SIZE(mm) : 99W×50H×35D
2. COLOR : RED
3. MATERIAL : Flame Retardant ABS

## 4(Four)Pipes Supporter



1. SIZE(mm) : 166W×50H×35D
2. COLOR : RED
3. MATERIAL : Flame Retardant ABS

## CAPILLARY



1. SIZE(mm) : 50W×63H×50D
2. COLOR : WHITE
3. MATERIAL : Flame Retardant ABS

## IN-LINE FILTER



1. SIZE(mm) : 33W×68H×57D
2. COLOR : IVORY
3. MATERIAL : Flame Retardant ABS



All other colors are available if required ( Non-UL Classified )

# AIR-SAMPLING PIPE & FITTINGS

## PRODUCT FEATURES

- ▶ UL Classified
- ▶ UL 94 V-0 Rated Material(Flame Retardant)
- ▶ Labor-Saving by Easy Installation
- ▶ Material : PVC, CPVC, ABS
- ▶ Safety First
- ▶ PCT (Patent Cooperation Treaty)

## UL Certificate of Compliance

CERTIFICATE OF COMPLIANCE	
<b>Certificate Number</b>	20180817-R39540
<b>Report Reference</b>	R39540-20180810
<b>Issue Date</b>	2018-AUGUST-17
<b>Issued to:</b>	KUNKOOK ENGINEERING & INSTITUTE INC 261 Dongil-ro Seongdong-gu SEOUL SEOUL 04800 KOREA
<b>This is to certify that representative samples of</b>	DISCRETE PRODUCTS INSTALLED IN AIR-HANDLING SPACES For Models Refer Addendum Page
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
<b>Standard(s) for Safety:</b>	UL 2043 - Standard for Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces
<b>Additional Information:</b>	See the UL Online Certifications Directory at <a href="http://www.ul.com/database">www.ul.com/database</a> for additional information
<small>Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service. Look for the UL Certification Mark on the product.</small>	
	

PIPE

CERTIFICATE OF COMPLIANCE	
<b>Certificate Number</b>	20181002-R39466
<b>Report Reference</b>	R39466-20180629
<b>Issue Date</b>	2018-OCTOBER-02
<b>Issued to:</b>	KUNKOOK ENGINEERING & INSTITUTE INC 261 Dongil-ro Seongdong-gu SEOUL SEOUL 04800 KOREA
<b>This is to certify that representative samples of</b>	PNEUMATIC TUBING CERTIFIED FOR FLAME AND SMOKE CHARACTERISTICS Extruded rigid tubing, type "Easy Lock" nonmetallic - 25mm trade size.
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
<b>Standard(s) for Safety:</b>	UL1820 - Fire Test of Pneumatic Tubing for Flame and Smoke Characteristics
<b>Additional Information:</b>	See the UL Online Certifications Directory at <a href="http://www.ul.com/database">www.ul.com/database</a> for additional information
<small>Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service. Look for the UL Certification Mark on the product.</small>	
	

FITTINGS

Distributor

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