

**NITRIC ACID**

**HYDROFLUORIC ACID**

**HYDROCHLORIC ACID**

**POTASSIUM HYDROXIDE**



**fastMARK**

Label and Identify with fastMARK Pipemarking

# fastMARK

*Label and Identify with fastMARK*

Pipes can put people and facilities in danger if no one knows what's flowing through them. Pipe labels help provide essential information where it's needed most to keep everyone safe. A comprehensive pipe marking system can benefit all types of facilities to support safety programs. fastMARK will help you to mark pipes in international standards.

## Different Option on Material and Ink

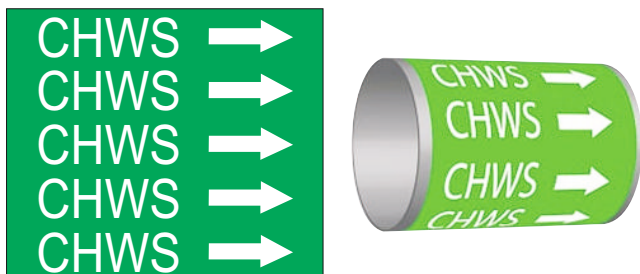
- Polyethylene with UV Ink Print, optional over-lamination
- Polypropylene with UV Ink Print, optional over-lamination
- Calendered Vinyl with Thermal Transfer Print

<b>Face Film</b>	70 Micron Intermediate Calendered PVC
<b>Adhesive</b>	Advanced Acrylic Adhesive
<b>Liner</b>	140gsm Kraft Paper Liner
<b>Durability</b>	5 years black and white, 4 years colours, 3 years metallics. Shelf life 1 year. Vertical exposure under Northern European conditions.*
<b>Fire Rating</b>	Class B - BS EN 13501-1:2007
<b>Regulations</b>	REACH & RoHS Compliant
<b>Finishes</b>	42 Gloss / 31 Matt
<b>Roll Lengths</b>	50m

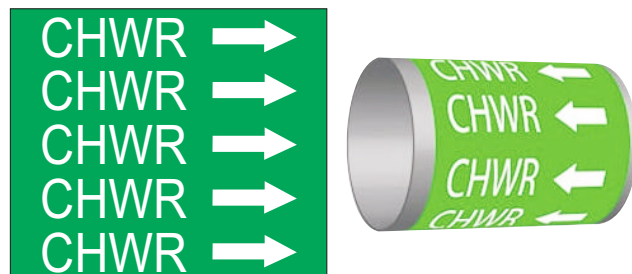


## (BS 1710:1984)

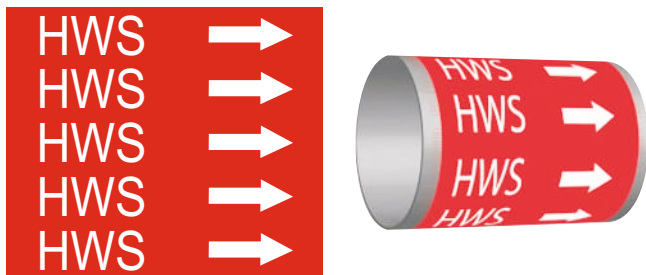
### 1. CHILLED WATER SUPPLY (CHWS)



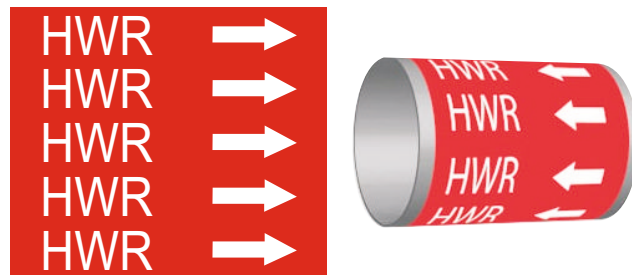
### 2. CHILLED WATER RETURN (CHWR)



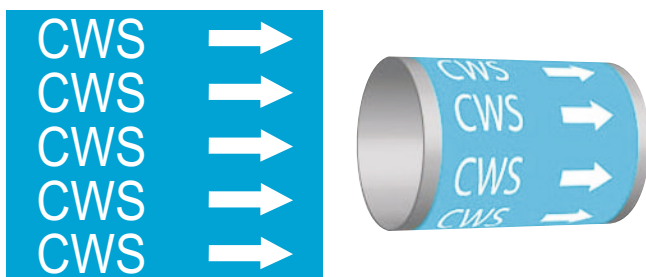
### 3. HOT WATER SUPPLY (HWS)



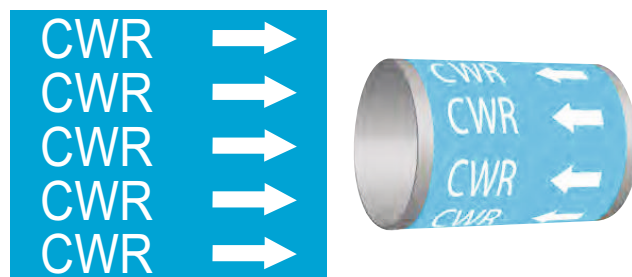
### 4. HOT WATER RETURN (HWR)



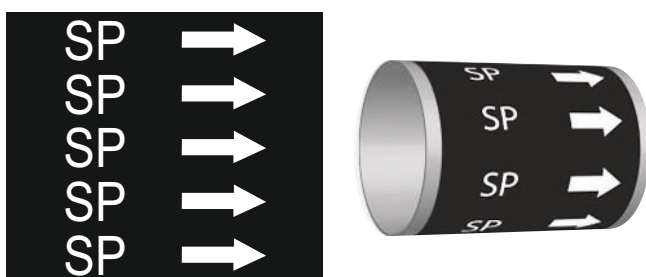
### 5. COLD WATER SUPPLY (CWS)



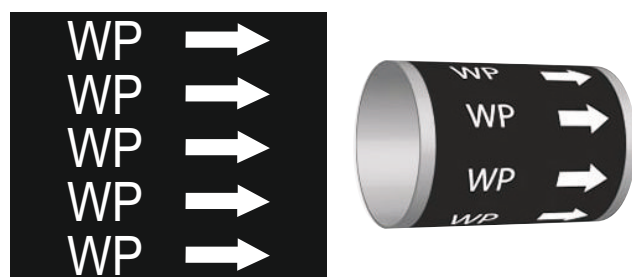
### 6. COLD WATER RETURN (CWR)



### 7. SOIL PIPE (SP)

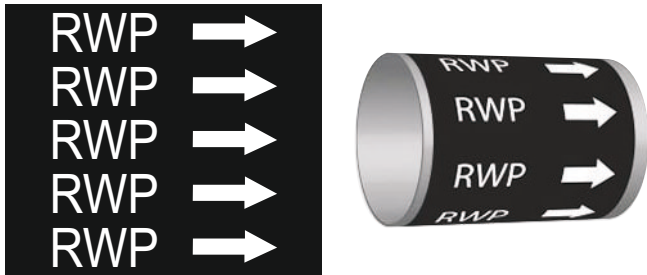


### 8. WASTE PIPE (WP)

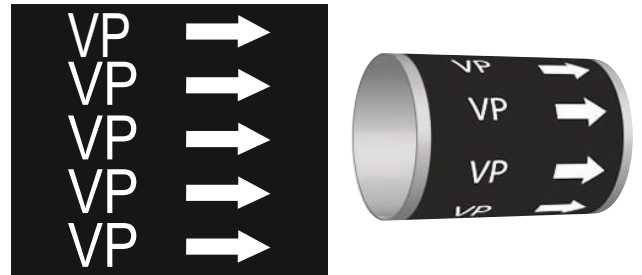


**(BS 1710:1984)**

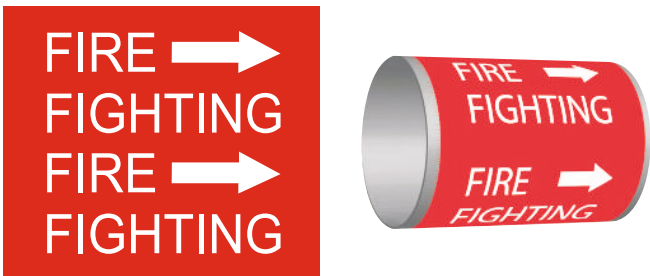
**9. RAIN WATER PIPE (RWP)**



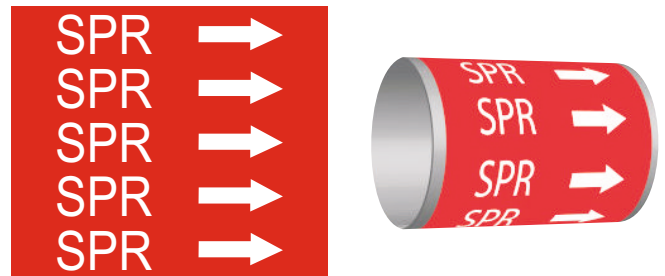
**10. VENT PIPE (VP)**



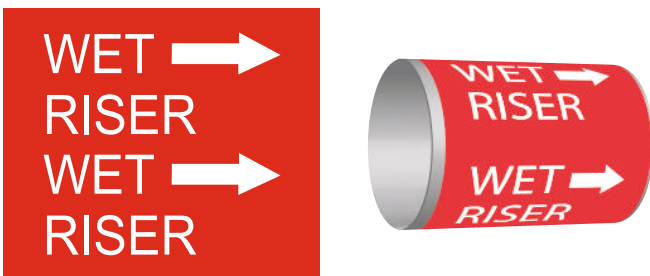
**11. FIRE FIGHTING**



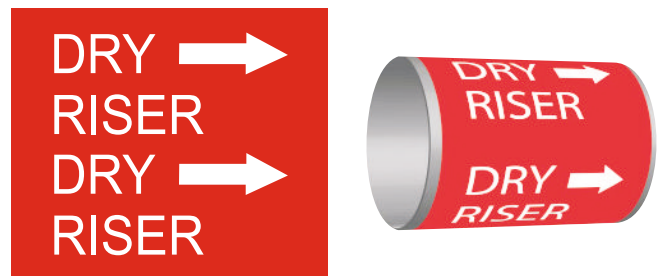
**12. SPRINKLER PIPE (SPR)**



**13. WET RISER**



**14. DRY RISER**



(BS 1710:1984)

SELF ADHESIVE STRIPS

WET RISER →

SPRINKLER PIPE →

FIRE EXTINGUISHER →

FIRE FIGHTING →

FIRE HOSE REEL →

DRY RISER →

HOT WATER SUPPLY →

HOT WATER SUPPLY ←

CHILLED WATER SUPPLY →

CHILLED WATER RETURN ←

COLD WATER SUPPLY →

COLD WATER RETURN ←

WASTE PIPE →

VENT PIPE →

SOIL PIPE →



## Ductwork Identification Labels

This range of duct identification labels has been designed to provide an all in one solution for identifying the contents and direction of flow within ductwork.

All ductwork on site can be easily identified with the colour coded triangular symbol that shows the direction of airflow and the type of service. These labels are used extensively within HVAC (heating, ventilation and air conditioning) installations to ensure compliance with industry standards.

Manufactured from a gloss vinyl material and printed with specialist inks to ensure excellent print quality and performance.

Available to cover the range of services listed below or can also be customised to meet a customer specific application.

## Ordering information

			
Cold Air <b>DUCT6ET-CA6</b>	Warm Air <b>DUCT6ET-WA4</b>	Hot Air <b>DUCT6ET-HA2</b>	Makeup Air <b>DUCT6ET-MA4</b>
			
Conditioned Air <b>DUCT6ET-CA26</b>	Supply Air <b>DUCT6ET-SA26</b>	Fresh Air <b>DUCT6ET-SA5</b>	Outside Air <b>DUCT6ET-OA5</b>
			
Smoke Exhaust <b>DUCT6ET-SE8</b>	Kitchen Exhaust <b>DUCT6ET-KE8</b>	Staircase presurisation <b>DUCT6ET-SPD8</b>	Return Air <b>DUCT6ET-RA8</b>
			
Foul Air <b>DUCT6ET-FA1</b>	Exhaust Air <b>DUCT6ET-EA1</b>	Toilet Exhaust <b>DUCT6ET-TE1</b>	Hazardous Air <b>DUCT6ET-HA40</b>

## Technical Data

### Base Material

Monomeric calendered vinyl

### Adhesive

Clear permanent acrylic

### Backing Liner

Kraft release paper

### Thickness

100 micron

### Dimensions

Equilateral triangle  
150mm (6") sides

### Operating Temperature

-10°C up to +70°C

### Min. Application Temperature

+10°C

### Flammability

Self extinguishing (ISO3795)

### Application

indoor use  
Outdoor use for up to 3 years\*

\*The expected vertical outdoor durability of the base product in Central Europe (Zone 1) is up to 3 years. This information is based on successful real life experience and artificial aging according to ISO4892-3.



## BS1710:2014 Pipe marking tape

A range of one piece pipe marking tapes that have been designed to comply with the basic and safety identification colour requirements of BS 1710:2014 (BS4800 colours).

Manufactured from a durable polyethylene face film tape with a permanent acrylic adhesive backing and easy peel release liner which makes it extremely user friendly.

The tapes demonstrate excellent adhesion properties especially when applied to synthetic materials and surfaces with good resistance to water, oil and chemicals.

Available to cover the range of services listed within this catalogue or we can produce customised designs to meet a project specific applications.

BS1710:2014 is the specification for the identification of pipelines and services and supersedes BS 1710:1984, which has now been withdrawn.



## Technical Data

### Base Material

Gloss white polyethylene film

### Adhesive

Clear permanent acrylic

### Backing Paper

55 micron white, one side siliconised glassline release

### Thickness

85 micron

### Dimensions

Width : 150mm for <50mm dia

Width : 275mm for >50mm dia

Length : 33 metres

### Operating Temperature

-20°C up to +100°C

### Application

For indoor use

(short term exterior use only)

### Ordering information

### Water Source

potable water system derived from the public water supply

Part Number 150mm	Part Number 275mm	Service Description
PIPEM01B	PIPEM01	DRINKING WATER
PIPEM05B	PIPEM05	COLD WATER SERVICE (POTABLE)
PIPEM08B	PIPEM08	MAINS WATER SERVICE
PIPEM09B	PIPEM09	COLD DOWN SERVICE
PIPEM11B	PIPEM11	BOOSTED COLD WATER SERVICE
PIPEM11RB	PIPEM11R	BOOSTED COLD WATER RETURN
PIPEM20B	PIPEM20	POTABLE WATER
PIPEM22B	PIPEM22	PROCESS COLD WATER
PIPEM23B	PIPEM23	BOOSTED MAINS WATER SERVICE
PIPEM27B	PIPEM27	TANK/TOWNS COLD WATER
PIPEM28B	PIPEM28	MAINS COLD WATER
PIPEM43B	PIPEM43	GRAVITY FED WATER
PIPEM49B	PIPEM49	MAKE UP WATER SUPPLY
PIPEM58B	PIPEM58	SOFTENED WATER
PIPEM84B	PIPEM84	DEMINERALISED WATER

### Tape Layout

12 D 45 (Green)	18 E 53 (Auxiliary Blue)	12 D 45 (Green)
←		DRINKING WATER
←		CWS
←		MAINS WATER SERVICE
←		CDS
←		BOOSTED COLD WATER SERVICE
←		BCWS RETURN
←		POTABLE WATER
←		PROCESS COLD WATER
←		BOOSTED MAINS WATER SERVICE
←		TCWS
←		MCWS
←		GRAVITY POTABLE WATER
←		MAKE UP WATER SUPPLY
←		SOFTENED WATER
←		DEMINERALISED WATER



**BS1710:2014** Pipe marking tape

**Water Quality**

non potable water system derived from the public water supply

Tape Layout



Part Number 150mm	Part Number 275mm	Service Description	12 D 45 (Green)	18 E 53 (Auxiliary Blue) 00 E 53 (Black)	12 D 45 (Green)
PIPEM21B	PIPEM21	NON-POTABLE WATER	←		NON-POTABLE WATER
PIPEM29B	PIPEM29	PRIMARY HOT WATER	←		PRIMARY HOT WATER
PIPEM06FB	PIPEM06F	HOT WATER FLOW	←		HWS FLOW
PIPEM06RB	PIPEM06R	HOT WATER RETURN	←		HWS RETURN
PIPEM12B	PIPEM12	BOILER FEED	←		BOILER FEED
PIPEM31FB	PIPEM31F	COOLING WATER FLOW	←		COOLING WATER FLOW
PIPEM31RB	PIPEM31R	COOLING WATER RETURN	←		COOLING WATER RETURN
PIPEM03FB	PIPEM03F	CHILLED WATER FLOW	←		CHW FLOW
PIPEM03RB	PIPEM03R	CHILLED WATER RETURN	←		CHW RETURN
PIPEM04FB	PIPEM04F	HEATING WATER FLOW	←		HTG FLOW
PIPEM04RB	PIPEM04R	HEATING WATER RETURN	←		HTG RETURN
PIPEM35FB	PIPEM35F	LOW TEMP HOT WATER FLOW	←		LTHW FLOW
PIPEM35RB	PIPEM35R	LOW TEMP HOT WATER RETURN	←		LTHW RETURN
PIPEM14FB	PIPEM14F	MEDIUM TEMP HOT WATER FLOW	←		MTHW FLOW
PIPEM26FB	PIPEM26F	HIGH TEMP HOT WATER FLOW	←		HTHW FLOW
PIPEM14RB	PIPEM14R	MEDIUM TEMP HOT WATER RETURN	←		MTHW RETURN
PIPEM26RB	PIPEM26R	HIGH TEMP HOT WATER RETURN	←		HTHW RETURN
PIPEM51FB	PIPEM51F	CONSTANT TEMP HEATING FLOW	←		CT HTG FLOW
PIPEM51RB	PIPEM51R	CONSTANT TEMP HEATING RETURN	←		CT HTG RETURN
PIPEM52FB	PIPEM52F	VARIABLE TEMP HEATING FLOW	←		VT HTG FLOW
PIPEM52RB	PIPEM52R	VARIABLE TEMP HEATING RETURN	←		VT HTG RETURN
PIPEM24FB	PIPEM24F	LOW PRESSURE HOT WATER FLOW	←		LPHW FLOW
PIPEM24RB	PIPEM24R	LOW PRESSURE HOT WATER RETURN	←		LPHW RETURN
PIPEM62FB	PIPEM62F	HIGH PRESSURE HOT WATER FLOW	←		HPHW FLOW
PIPEM62RB	PIPEM62R	HIGH PRESSURE HOT WATER RETURN	←		HPHW RETURN
PIPEM55FB	PIPEM55F	SOLAR WATER SYSTEM FLOW	←		SOLAR FLOW
PIPEM55RB	PIPEM55R	SOLAR WATER SYSTEM RETURN	←		SOLAR RETURN
PIPEM75B	PIPEM75	GLYCOL SYSTEM	←		GLYCOL
PIPEM100B	PIPEM100	CAT5 BOOSTED COLD WATER	←		CAT 5 BOOSTED COLD WATER





## BS1710:2014 Pipe marking tape

### Water Source

potable water system derived from an alternative source

Tape Layout



Part Number 150mm	Part Number 275mm	Service Description	12 D 45 (Green)	00 A 09 (Silver Grey)	12 D 45 (Green)
PIPEM01B-A	PIPEM01-A	DRINKING WATER (ALTERNATIVE)	←		DRINKING WATER
PIPEM236PB	PIPEM236P	BOREHOLE WATER (POTABLE)	←		BOREHOLE WATER (POTABLE)
PIPEM47B	PIPEM47	TREATED WASTE WATER	←		TREATED WASTE WATER

### Water Quality

non potable water system derived from an alternative source

Tape Layout



Part Number 150mm	Part Number 275mm	Service Description	12 D 45 (Green)	00 A 09 (Silver Grey) 00 E 53 (Black)	12 D 45 (Green)
PIPEMANPB	PIPEMANP	ALT. SOURCE NON POTABLE	←		NON POTABLE
PIPEM02B	PIPEM02	CONDENSATE	←		CONDENSATE
PIPEM02B	PIPEM02	CONDENSATE DRAIN	←		CONDENSATE DRAIN
PIPEM13FB	PIPEM13F	CONDENSER WATER FLOW	←		CONDENSER WATER FLOW
PIPEM13RB	PIPEM13R	CONDENSER WATER RETURN	←		CONDENSER WATER RETURN
PIPEM15B	PIPEM15	UNTREATED WATER	←		UNTREATED WATER
PIPEM190B	PIPEM190	BORE HOLE WATER SUPPLY	←		BORE HOLE WATER SUPPLY
PIPEM30B	PIPEM30	RAINWATER BOOSTED COLD	←		RAINWATER BOOSTED COLD SERVICE
PIPEM39B	PIPEM39	RECYCLED WATER	←		RECYCLED WATER
PIPEM53B	PIPEM53	GREY WATER	←		GREY WATER
PIPEM54B	PIPEM54	HARVESTED WATER	←		HARVESTED WATER
PIPEM56B	PIPEM56	RECLAIMED WATER	←		RECLAIMED WATER
PIPEM78B	PIPEM78	SYPHONIC RAIN WATER	←		SYPHONIC RWP
PIPEM80B	PIPEM80	RAINWATER	←		RAINWATER
PIPEM101FB	PIPEM101F	CANAL WATER FEED	←		CANAL WATER FEED
PIPEM101RB	PIPEM101R	CANAL WATER RETURN	←		CANAL WATER RETURN
PIPEM102FB	PIPEM102F	RE-CIRCULATION WATER FEED	←		RE-CIRCULATION WATER FEED
PIPEM102RB	PIPEM102R	RE-CIRCULATION WATER RETURN	←		RE-CIRCULATION WATER RETURN
PIPEM103FB	PIPEM103F	COOLING TOWER WATER FEED	←		COOLING TOWER WATER FEED
PIPEM103RB	PIPEM103R	COOLING TOWER WATER RETURN	←		COOLING TOWER WATER RETURN
PIPEM104FB	PIPEM104F	BURNER WATER FEED	←		BURNER WATER FEED
PIPEM104RB	PIPEM104R	BURNER WATER RETURN	←		BURNER WATER FEED



**BS1710:2014** Pipe marking tape

**Waste Water and Effluent**  
for general building services



Tape Layout

Part Number 150mm	Part Number 275mm	Service Description	00 E 53 (Black)
<b>PIPEM176B</b>	<b>PIPEM176</b>	WASTE WATER	← WASTE WATER
<b>PIPEM10B</b>	<b>PIPEM10</b>	RAINWATER PIPE	← RWP
<b>PIPEM41B</b>	<b>PIPEM41</b>	GREASE WASTE PIPE	← GREASE WASTE PIPE
<b>PIPEM45B</b>	<b>PIPEM45</b>	CONDENSE	← CONDENSE
<b>PIPEM46B</b>	<b>PIPEM46</b>	FOUL WASTE	← FOUL WASTE
<b>PIPEM57B</b>	<b>PIPEM57</b>	DRAIN	← DRAIN
<b>PIPEM81B</b>	<b>PIPEM81</b>	SOIL VENT PIPE	← SVP
<b>PIPEM85B</b>	<b>PIPEM85</b>	EFFLUENT	← EFFLUENT

**Safety Systems**

potable fire safety system derived from the public water supply



Tape Layout

Part Number 150mm	Part Number 275mm	Service Description	12 D 45 (Green)	18 E 53 (Auxiliary Blue) 04 E 53 (Red)	12 D 45 (Green)
<b>PIPEM16B</b>	<b>PIPEM16</b>	FIRE MAIN	←		FIRE MAIN
<b>PIPEM17B</b>	<b>PIPEM17</b>	WET MAIN RISER	←		WET MAIN RISER
<b>PIPEM25B</b>	<b>PIPEM25</b>	FIRE HOSE REEL	←		FIRE HOSE REEL
<b>PIPEM38B</b>	<b>PIPEM38</b>	FIRE HYDRANT	←		FIRE HYDRANT
<b>PIPEM40B</b>	<b>PIPEM40</b>	SPRINKLER MAINS	←		SPRINKLER MAINS

**Safety Systems**

non potable fire safety system derived from an alternative source



Tape Layout

Part Number 150mm	Part Number 275mm	Service Description	12 D 45 (Green)	00 A 09 (Silver Grey) 00 E 53 (Black) 04 E 53 (Red)	12 D 45 (Green)
<b>PIPEM79B</b>	<b>PIPEM79</b>	DRY RISER	←		DRY RISER



## BS1710:2014 Pipe marking tape



### Fuel Oils, Gases, Air and Electrical

for general building services

#### Tape Layout

Part Number 150mm	Part Number 275mm	Service Description	10 A 03 (Silver Grey)		
PIPEM07B	PIPEM07	STEAM	← STEAM		
			06 C 39 (Brown)	14 E 53 (Green)	06 C 39 (Brown)
PIPEM106B	PIPEM106	LUBRICATING OIL	← LUBE OIL		
			06 C 39 (Brown)	00 E 55 (White)	06 C 39 (Brown)
PIPEM243B	PIPEM243	DIESEL	← DIESEL		
PIPEM50B	PIPEM50	DIESEL SUPPLY	← DIESEL SUPPLY		
PIPEM34B	PIPEM34	FUEL OIL	← FUEL OIL		
			08 C 35 (Yellow Ochre)		
PIPEM113B	PIPEM113	NITROGEN	← NITROGEN		
			08 C 35 (Yellow Ochre)	10 E 53 (Primrose Yellow)	08 C 35 (Yellow Ochre)
PIPEM143B	PIPEM143	NATURAL GAS	← NATURAL GAS		
PIPEM18B	PIPEM18	GAS	← GAS		
PIPEM77B	PIPEM77	BIO GAS	← BIO GAS		
PIPEM82B	PIPEM82	HAZARDOUS GAS (WARNING)	← HAZARDOUS GAS		
			08 C 35 (Yellow Ochre)	22 C 37 (Violet)	08 C 35 (Yellow Ochre)
PIPEM19B	PIPEM19	AMMONIA	← AMMONIA		
			22 C 37 (Violet) with directional arrow and service text		
PIPEM70B	PIPEM70	ACID	← ACID		
PIPEM71B	PIPEM71	DETERGENT	← DETERGENT		
PIPEM76B	PIPEM76	STERILENT	← STERILENT		
			20 E 51 (Light Blue)	00 E 55 (White)	20 E 51 (Light Blue)
PIPEM119B	PIPEM119	VACUUM	← VACUUM		
			20 E 51 (Light Blue)		
PIPEM32B	PIPEM32	COMPRESSED AIR	← COMPRESSED AIR		
PIPEM74B	PIPEM74	FILTERED AIR	← FILTERED AIR		
PIPEM42B	PIPEM42	SOIL VENT	← SOIL VENT		
PIPEM44B	PIPEM44	VENT	← VENT		
			06 E 51 (Orange)		
PIPEM-ESB	PIPEM-ES	ELECTRICAL SERVICES	← ELECTRICAL SERVICES		



**fastMARK Commercial Grade Vinyl Tapes**



Recommended Printer : cab EOS2/300  
 Recommended Ribbon : FTI-HX-CSO-053X300BK  
 : FTI-HX-CSO-110X300BK  
 : FTI-HLD-CO-110X300WH

<b>WHITE</b>	FV0.5-2001	FV1-2001	FV2-2001	FV3-2001	FV4-2001
<b>BLACK</b>	FV0.5-2002	FV1-2002	FV2-2002	FV3-2002	FV4-2002
<b>GRAY</b>	FV0.5-2004	FV1-2004	FV2-2004	FV3-2004	FV4-2004
<b>BLUE</b>	FV0.5-2006	FV1-2006	FV2-2006	FV3-2006	FV4-2006
<b>GREEN</b>	FV0.5-2007	FV1-2007	FV2-2007	FV3-2007	FV4-2007
<b>YELLOW</b>	FV0.5-2008	FV1-2008	FV2-2008	FV3-2008	FV4-2008
<b>ORANGE</b>	FV0.5-2009	FV1-2009	FV2-2009	FV3-2009	FV4-2009
<b>RED</b>	FV0.5-2010	FV1-2010	FV2-2010	FV3-2010	FV4-2010
<b>PURPLE</b>	FV0.5-2011	FV1-2011	FV2-2011	FV3-2011	FV4-2011
<b>BROWN</b>	FV0.5-2012	FV1-2012	FV2-2012	FV3-2012	FV4-2012
<b>PINK</b>	FV0.5-2013	FV1-2013	FV2-2013	FV3-2013	FV4-2013

fastMARK vinyl are calendered soft vinyl films coated with a permanent acrylic adhesive

Face material :  
 Calendered vinyl film, 70µm thick, cadmium-free

Adhesive :  
 High quality water based permanent acrylic adhesive.

