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**We are pioneers in the field of
manufacturing and supply of all
kinds of Industrial Signage.**

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**Safety Signs | Advertising | MEP Signage
Printing & Engraving | Civil Signage | Acrylic fabrication**

Advertising

Digital Printing

Triala gives a completely renewed sense to your brand and its overall appearance and visibility. You can opt for digital printing if you want a small number of prints and that too quickly, our experienced team of designers and printers offer the best printing solutions which promptly delivers the message at best quality and best prices.



Event Branding

Event branding and brand recognition is one of the vital elements in marketing mix. Triala makes sure that your brands are always incorporated to your events. This kind of integration may either be a little complicated as creating a corporate identity or a tag line or may even be simple as a logo creation. Consistency is highly important as it is the basic key to be applied in branding events. Our branding is so vital that it creates a positive insight and provides a picture of the event which perfectly communicates the company's message to its audience.



Trade show Branding

Triala has gained name in successful and efficient

branding and we know that trade shows are one of the major ways in promoting brands. Live performances, demonstrations and crowd pulling programmes have proved effective in trade show branding. These result in increasing sales of various products related to a brand.

Portable Display Stand

If you would like to have long lasting and recyclable displays for events, portable display stands are the best possible option. Triala is very much adept in creating such portable display stands which is an unavoidable marketing tool at exhibitions because these portable display stands are one of the easiest and simplest way to exhibit products and services at shows to attract visitors to your exhibition pavilions or promotional booths.



Vehicle wrap

Triala offers customized vehicle graphics and related print materials from cars to large commercial vehicles. This is a kind of print advertising where a vehicle is fully covered or completely wrapped with coloured images. Earlier for branding purposes, hand painting was done on vehicles. Now, vehicle wrapping has gained prominence. Large printed vinyl sheets are used and these can easily be applied and also removed from vehicles. The major advantage of vehicle wrapping is that the whole of company's artwork of full colour photos can be used which provides more attraction.



Point of Purchase Posters

Point of purchase posters work great when posters convey very attractive products and services wherein customers take decisions on their purchase. Colourful digital posters are used to create visual impact right at the point of sale. These posters include colourful graphics and logos which attract attention and has reasonable cost also.



Light Boxes

Triala, a leading supplier of visual presentation solutions, offers the most extensive selection of illuminated LED and fluorescent light box display systems in the market today. We have a wide variety of products in popular sizes, finishes, and styles - available. In addition, we can produce versatile custom products including large format light boxes and other creative graphic solutions for both indoor and outdoor use.



Special Promotion table

Special Promotion tables and counters are an easier and faster way to set up kiosks at an even space which throws a great impression and a lasting impact. Enough space is available on the countertop to place your flyers, brochures, product samples and related stationery



Promotion Display

A point-of-sale display (POS) is a specialized form of sales promotion that is found near, on, or next to a checkout counter (the "point of sale"). They are intended to draw the customers' attraction to products, which may be new products, or on special offer, and are also used to promote special events



Backdrop Banner

Triala is very well known for its custom backdrops. Very vibrant and attractive colours are used in high resolution. It turns out to be one of the best background for photographs as our backdrops are matte finish, smooth and antiglare. Backdrops created by Triala has been widely used in lots of functions and programmes like events, press conference, parties, charities and social events etc.



Flags

Triala also offers varieties of flags that improves brand promotion and brand acceptance. Our team always makes it a point to create innovative and new designs for each flag that comes out of Triala which speaks about the brand. Our flags are made from superior quality fabric and the poles also are made of the strongest composite pipes which are light weight.



Island Display

Island display technique is now being widely used in supermarkets and department stores. When goods are structured or positioned separately in a quickly noticeable section somewhere within the store, which presents a view from many angles, it surely attracts customers and hence is a very effective tool. Products which are prone to hang back in the shelves are sure to get attention which in turn results in the sale of merchandise.



Printing Digital Outdoor & Indoor Printing

Outdoor banners and displays play an intrinsic role in increasing the visibility space of any business entity irrespective of the venue. So be it a trade fair, a conference or an exhibition, a high quality indoor or outdoor banner can make the difference. We offer digital printing on durable materials for all outdoor and indoor print requirements.



Screen Printing

We are capable of handling all your screen printing needs. Screen printing is arguably the most versatile of all printing processes. It can be used to print on a wide variety of substrates, including paper, paperboard, plastics, glass, metals, fabrics, and many other materials. Some common products from the screen printing industry include posters, labels, decals, signage, and all types of textiles and electronic circuit boards. The advantage of screen-printing over other print processes is that the press can print on substrates of any shape, thickness and size



UV Printing

Ultra violet inks(UV inks)are used in Ultraviolet printing (UV printing) which is used as alternative for traditional inks. UV printing is also called green technology. The difference between UV ink and traditional ink is that UV inks are dried using UV light whereas in traditional method, ink is made dry by allowing the ink and the chemicals to evaporate.



Engraving

Triala has a high end experience in engraving. With the use of specialized equipments, engraving is done on mobiles, watches, pens, USB's, glass etc. We continue to provide laser etching and engraving srvcies to many companies in and around UAE. Variety options are available when it comes to engraving with Traffolyte, PVC, Acrylic, Stainless Steel, Brass, Wood and Anodized/ordinary Aluminium. We can also laser engrave these materials with ceramic and other glass materials.



Etching

We provide laser etching and engraving to many companies in and around UAE. We provide different designs and texts engraved in stainless steel, brass, copper and aluminium either by etching or photo etching with regard to the requirement of the design.

Embossing

Embossing is a technique which is nowadays opted by many companies to give a multidimensional and elegant look. Embossing gives an elegant, multidimensional look and feel. It gives added value, individuality and also touches of gold leaf and other luxurios foils combined with hot foil stamping gives the whole thing an elegant look. Embossing can be used on fabric, metal and other wide range of materials.



Civil Signage & Labels

Real Estate & Site Signs

A great way to advertise your construction, architect, developer, or sub-trade business. Use custom real estate signs on-site to attract new business and buyers from drive-by traffic. Our in-house graphic designers can help design the perfect sign for your business.



Directional Signs

Directional Signs can add to your decor and make it easy for clients, visitors and vendors to find locations

throughout your building or complex. Directional Signs are primarily used in office buildings, hospitals, city buildings, parking garages, and parking lots. Directional signs used in the inside of buildings have no permitting issues to deal with. Outside Directional Signs are controlled by local and state guidelines and often require a sign permit. We use high-grade materials to produce your directional sign products. We often use HDU, aluminum, and acrylic substrates to produce long lasting signs that perform with minimal maintenance. We produce your custom directional signs using a variety of methods such as sandblasting, routing and engraving with the application of vinyl letters. This allows us to create new signs with a consistent theme with your existing identification and promotional signs.



Reception and Lobby Signs

A properly designed and executed custom reception sign conveys confidence and inspires loyalty. It sets the tone of your business relationship. Our expert designers and craftsmen use the highest quality materials, precision technologies, and impeccable attention to detail, to ensure that your custom lobby sign or custom reception area sign is a powerful and effective expression of your corporate identity.

Triala works with clients around the world who share the belief that high-quality custom lobby signage and custom reception area signage is not an expense, but an investment that is an integral part of their visual identity and brand. Triala can create a custom office reception sign that will leave the right impression on your customers and employees. We can also design other visual displays that will capture your brand and your look and display it proudly to visitors and customers alike.

- a) Acrylic signs with stand-offs
- b) ADA Signs

- c) Dimensional Lettering
- d) Directories and Directional Signs
- e) Engraved Signs
- f) Fabric Banners
- g) Floor Graphics
- h) Freestanding Display Frames
- i) LED Displays
- j) Name Badges
- k) Vinyl Lettering & Graphics
- l) Wall Wraps



Traffic Signs

Our traffic signs are available to conform to existing street signs or you can rely on us for a makeover of a community or township. We have the experience and the local knowledge to help you label and safely mark roads, drive-thrus, loading dock areas, roads, and private streets.



Triala has experience in creating traffic sign solutions for shopping centers and malls, theme parks, entertainment complexes, gated communities, restaurants, transportation hubs, and more. Our traffic signs are made of highly durable products such as impact resistance plastics, wood, metal, and composites. We can design graphics and use reflective materials so your traffic road signs give the "glow". Our knowledgeable experts can assist you in the design, selection, permitting, and procurement of traffic signs to meet all of your directional and safety sign needs.

Directory Panels

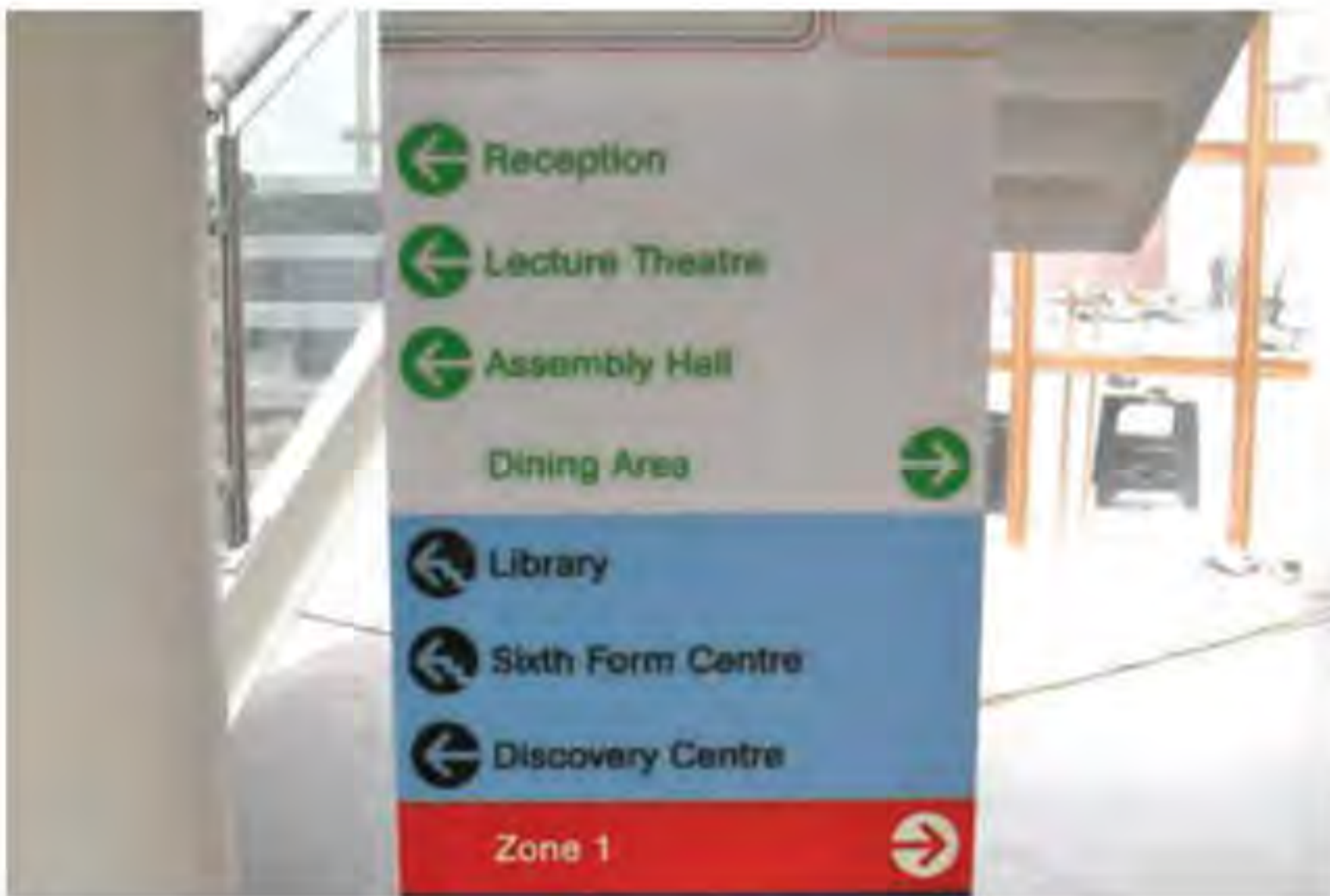
Directory signs are used in many places such as malls, office buildings, airports, doctors offices, and city buildings. The purpose of this sign type is to provide location information to the viewer such as room numbers, current location, or flight information.

Airports - Airports use digital directories to help travelers find arriving and departing flights.

Malls - Malls use a combination of digital and lit directories to direct visitors to specific locations throughout their building.

Office Buildings - Office Buildings use a combination of directories and directional signs to aid in travel throughout the building.

We work with a range of high quality materials and can design systems that are easy to upgrade and require minimal maintenance.



Hanging Signs

Hanging signs can be an effective form of advertising for your business, or can provide assistance in wayfinding and identification. They can be designed to provide an antique appearance or a bold modern look.



Engraved Signs

Our custom engraved signs are a long lasting and economical solution for your personal or business signage needs. Custom engraved signs are commonly used for interior signs or exterior signs such as directional ADA signs, or way finding signs. Newer materials and fabrication techniques help elevate the appearance and functionality of engraved signs.



Custom engraving is available in many different materials and colors depending on your individual needs. Material choices include various colored plastics, metal, glass, and brass. Laser engraving and waterjet cutting are also available and can add tremendous detail to your custom signs.

Some of common uses for engraved signs are:

- Name Plates / Desk Plates
- Door Plates and Door Numbering
- Name Badges / Name Tags
- Plaque Signs
- Directory Signs
- Directional ADA Signs / Way Finding Signs
- Office Signs & Wall Signs
- Architectural Signs
- Informational signs for equipment and warehouses
- Property identification
- Machine plates

Sand Blasted Signs

Sandblasted signs have a permanent, rich, artistic quality making them a perfect solution for many locations. Sandblasted signs are either made from laminated wood such as redwood or cedar or engineered materials like HDU (high density urethane). These types of signs are thick and create dimension by blasting the image of the sign out of the material. The background, lettering and graphics are all painted in contrasting colors giving the sign a unique high-end appearance.

MEP Signage & Labels

Why Pipe Marking

Pipe Markers indicate how pipes should be identified. Pipes transporting dangerous and hazardous substances must be identified with the relevant danger symbol and the name of the hazardous or dangerous substance..

Safety first!

Unmarked pipes are a danger to both life and property. Accidents, injuries and damage to equipment can be caused by people not knowing what individual pipes contain.

The economical choice!

By correctly identifying pipes, errors can be prevented. Accidents caused by negligence lead to both physical and psychological grief and often cost companies large amounts of money.

Save time!

The correct identification of pipes ensures a better insight in to a building's structure – and gaining such an insight with speed and clarity is of vital importance for emergency services, outside maintenance contractors as well as new employees and temporary staff. It will also make maintenance work easier and prevent time consuming searches. If an accident does occur, correct identification can help save valuable time - and even lives

Commonly used Two Standards are

1. American Standard- ANSI/ASME
2. British Standard- BS 1710

Pipe Marking: ANSI Regulation-ANSI/ASME A13.1-2007

ANSI/ASME A13.1 is the most common pipe identification standard used in the United States, and until the latest revision dated 2007, the standard has been unchanged for nearly half a century. The standard specifies the primary and secondary means of identifying pipe contents, as well as, the size, colour and placement of the identification device.

Primary Identification:

The legend (name of pipe content) and directional flow arrow remain the primary means of identifying pipe content. The size and placement of the marker arrow has not changed. See ANSI/ASME size chart (see below) and installation guide for details (below).

Secondary Identification:

The secondary means of identification is the colour code of the marker. That portion of the standard has changed dramatically. In addition, the terminology of inherently hazardous or non hazardous has been removed from the standards. The combination of Yellow / Black is now assigned with flammable fluids, and Green / White shall now identify potable, cooling, boiler feed and other waters. These two changes mean that legends such as hot water, cold water and steam will now all use the colour code of Green / White.

The other significant colour changes included the addition of Brown / White for combustible fluids and Orange/ Black for toxic or corrosive fluids. The fact that the standard has identified specific colours for flammable fluids, combustible fluids and toxic or corrosive fluids means you must consult Material Safety Data Sheets before selecting a colour. Further, if the pipe content contains multiple hazards (flammable and toxic) it must be determined which poses the greater risk and marked accordingly. For example, if chilled or heating systems contain toxic treatments the colour combination should be Orange / Black. The new 2007 standard also identifies for the first time four additional used identified colour combinations and specifically identifies all of the exact background colours to be used. The exact colours are safety colours contained in the ANSI Z535.1-2007 standard.

Colour Code & Comparison

ANSI/ASME A13.1-1996 Colours

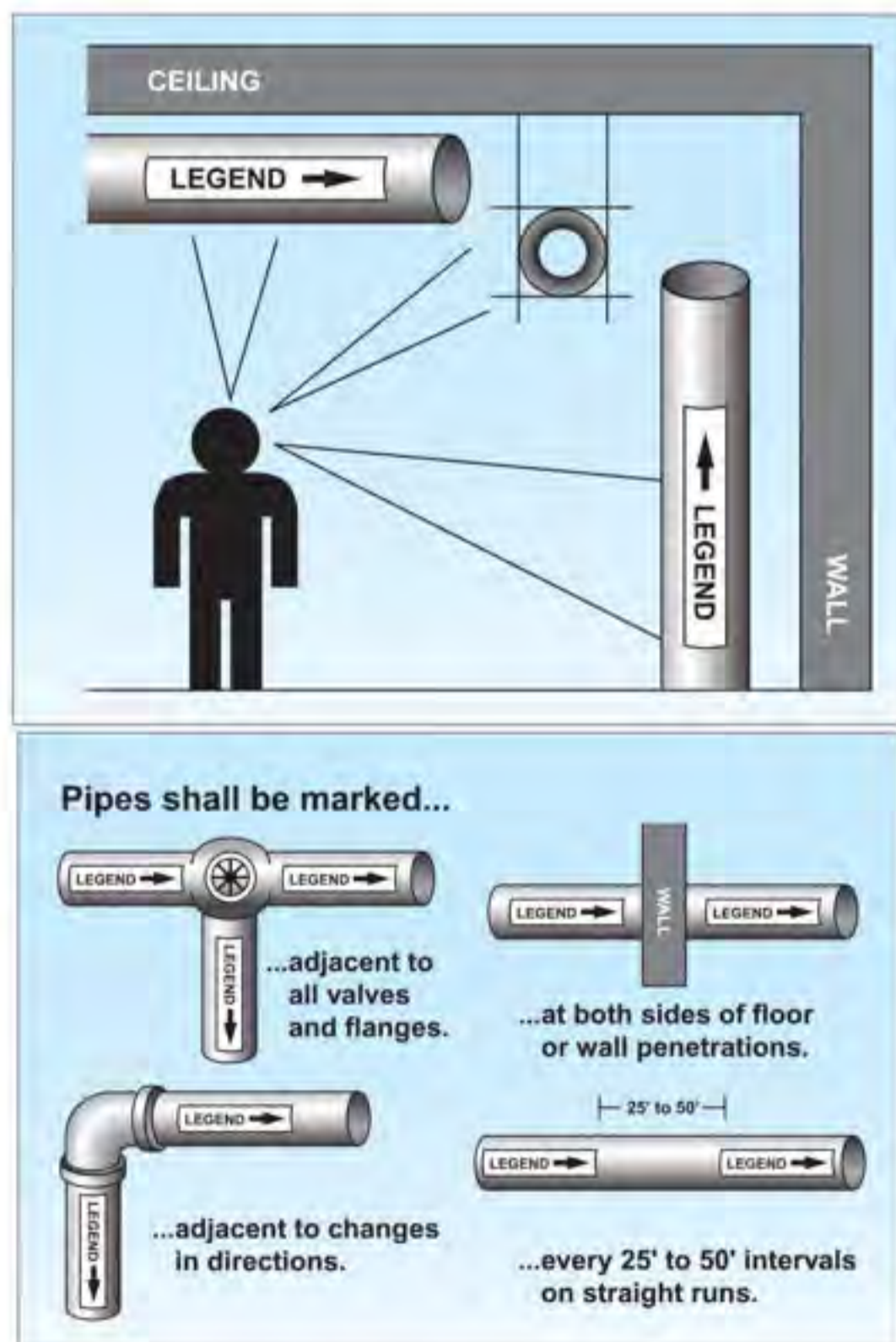
	Classification	Sub Classification	Colour Scheme
Materials	Inherently Hazardous	Flammable or Explosive Chemically Active or Toxic Extreme Temperature/Pressure Radioactive	Black on Yellow
	Inherently Low Hazard	Liquid or liquid admixture	White on Green
		Gas or gaseous admixture	White on Blue
	Fire quenching Materials	Water, Foam, CO2, Halon,	White on Red

ANSI/ASME A13.1-2007 Colours

Fluid Service	Colour Scheme
Fire quenching	White on red
Toxic & Corrosive	Black on Orange
Flammable	Black on Yellow
Combustible Fluids	White on Brown
Portable cooling ,boiler & other water	White on Green
compressed air	White On Blue
Defined by user	White On purple
	Black on White
	White on Gray
	White On Black

Installation Guide

Markers shall be located so that they are readily visible to plant personnel from the point of normal approach. Seton Pipe Markers instantly tell you all you need to know about pipe contents, direction of flow and whether hazardous or safe.



SIZE RECOMENDATIONS

The A13.1-2007 standard also makes recommendations as to the size of letter height and length of colour field for

various pipe diameters. These recommendations are shown in the table. Seton markers, used properly with arrows and banding tape or arrow tape, meet or exceed the standard.

Fits Pipe Outer Diameter	Length Colour Field	Letter Height
.75" - 1.25" (19mm - 32mm)	8" (203mm)	.5" (13mm)
1.5" - 2" (38mm - 51mm)	8" (203mm)	.75" (19mm)
2.5" - 6" (64mm - 152mm)	12" (305mm)	1.25" (32mm)
8" - 10" (203mm - 254mm)	24" (610mm)	2.50" (64mm)
over 10" (over 254mm)	32" (813mm)	3.50" (89mm)

NOTE: For pipes less than 3/4" in diameter, a permanently legible tag is recommended.

Self Adhesives pipeline identification (ASME/ ANSI A13.1 1996)

Self Adhesives Identification Labels:

Size: 400 mm x 50mm, 300 mm x 50 mm

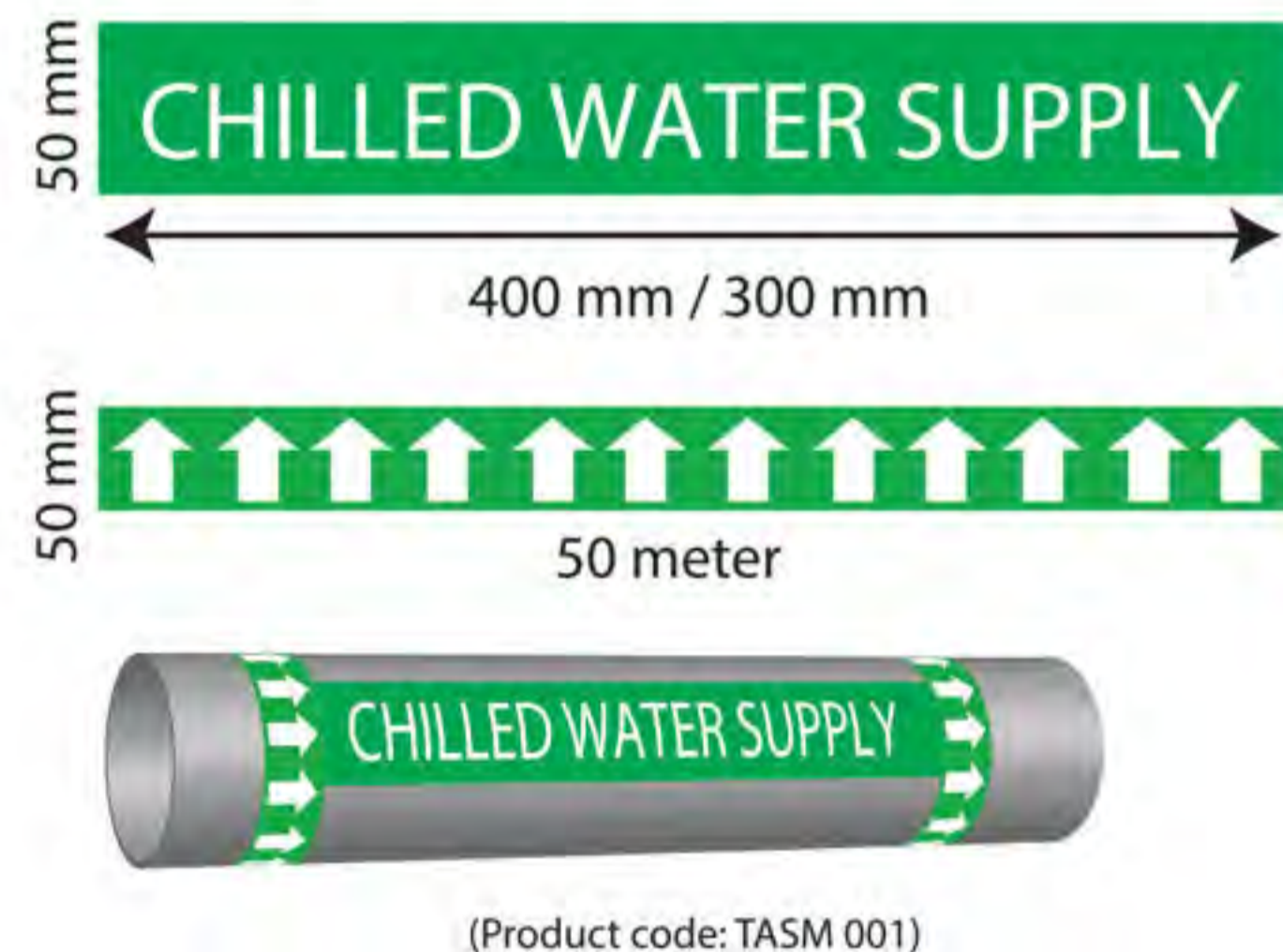
Self Adhesives Identification bands :

Flow Directional Arrow Tape

Size: 50 mm x 50m rolls

** Custom size also available

1. CHILLED WATER SUPPLY



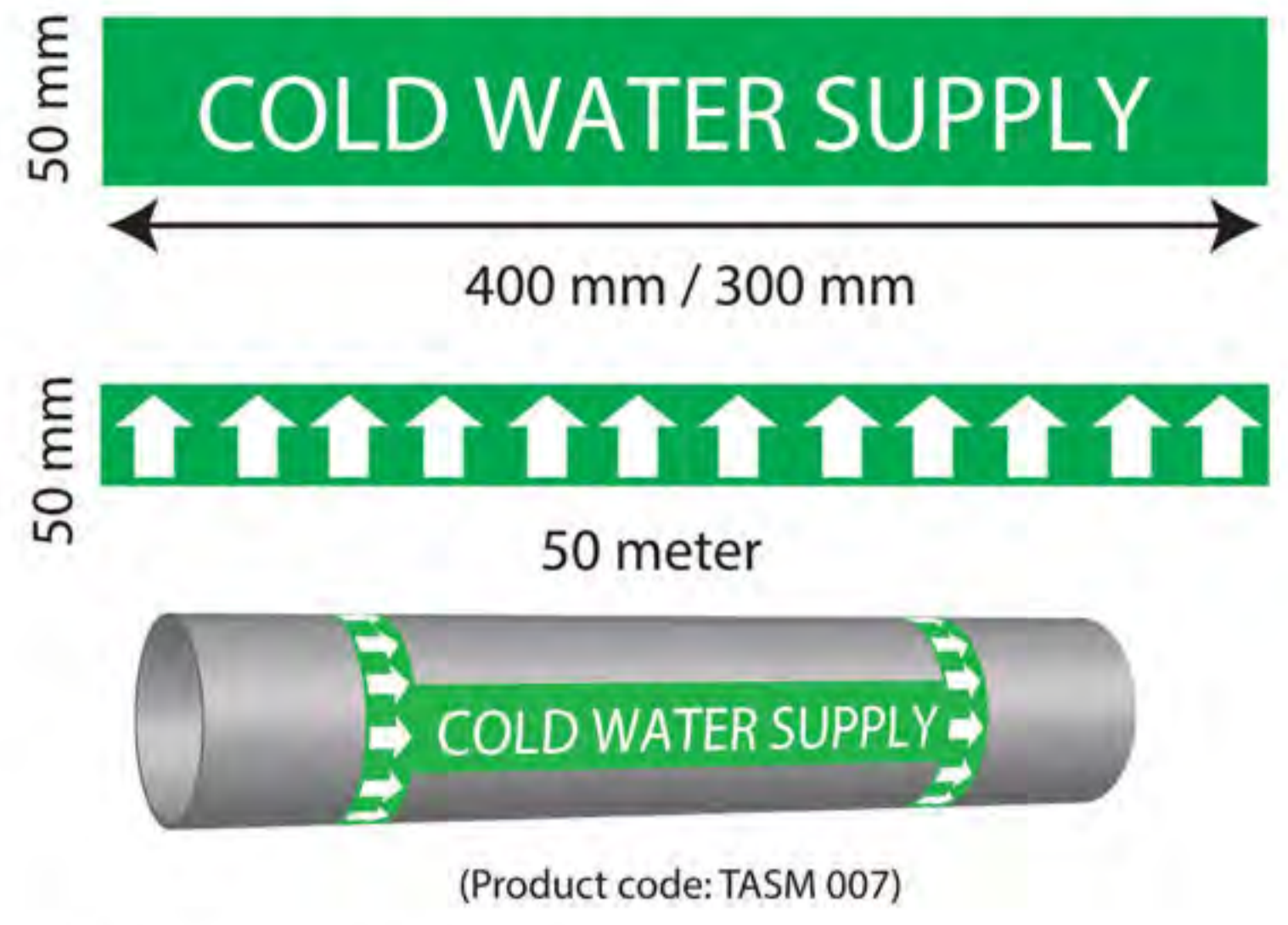
2. CHILLED WATER RETURN



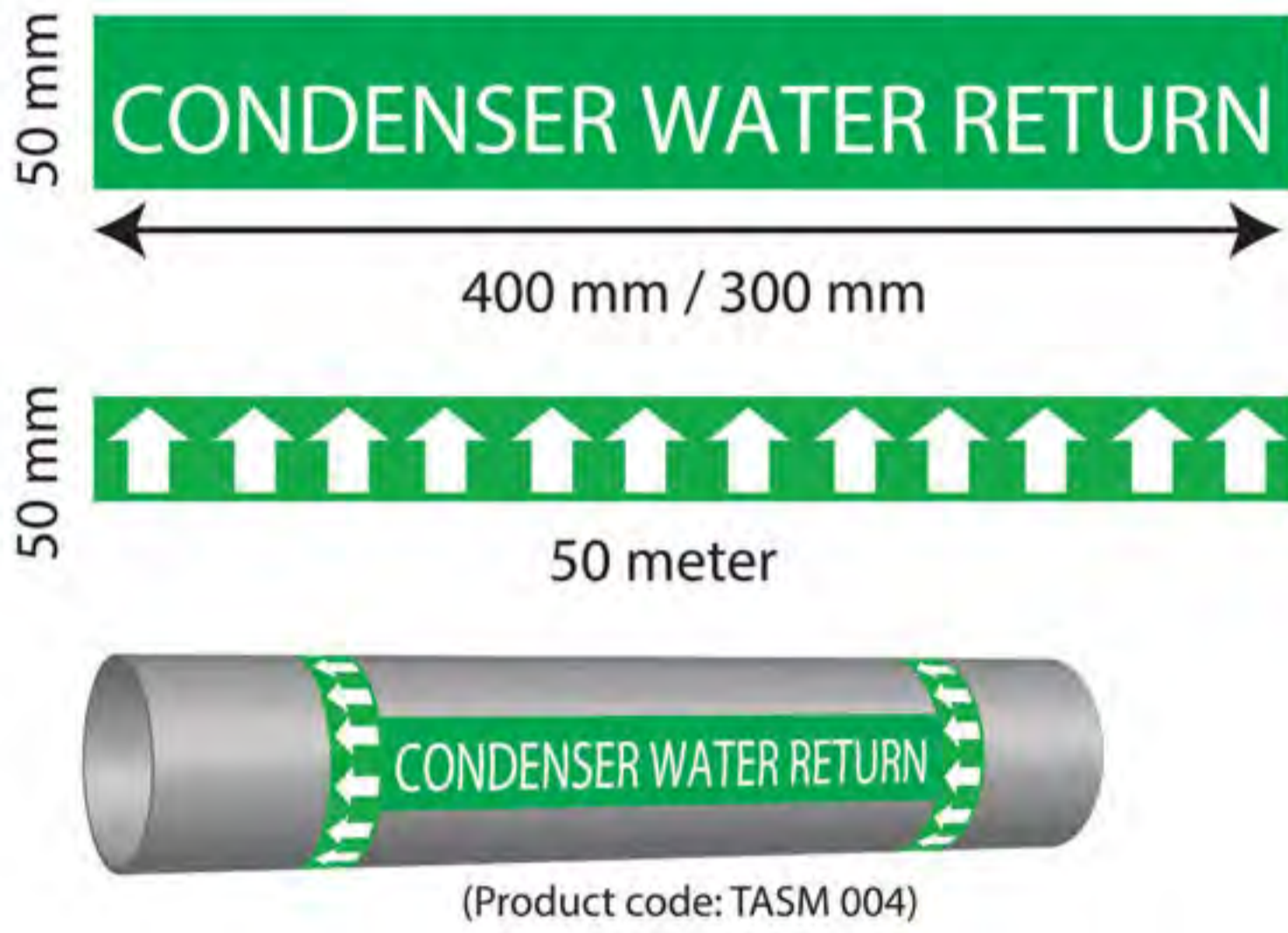
3. CONDENSER WATER SUPPLY



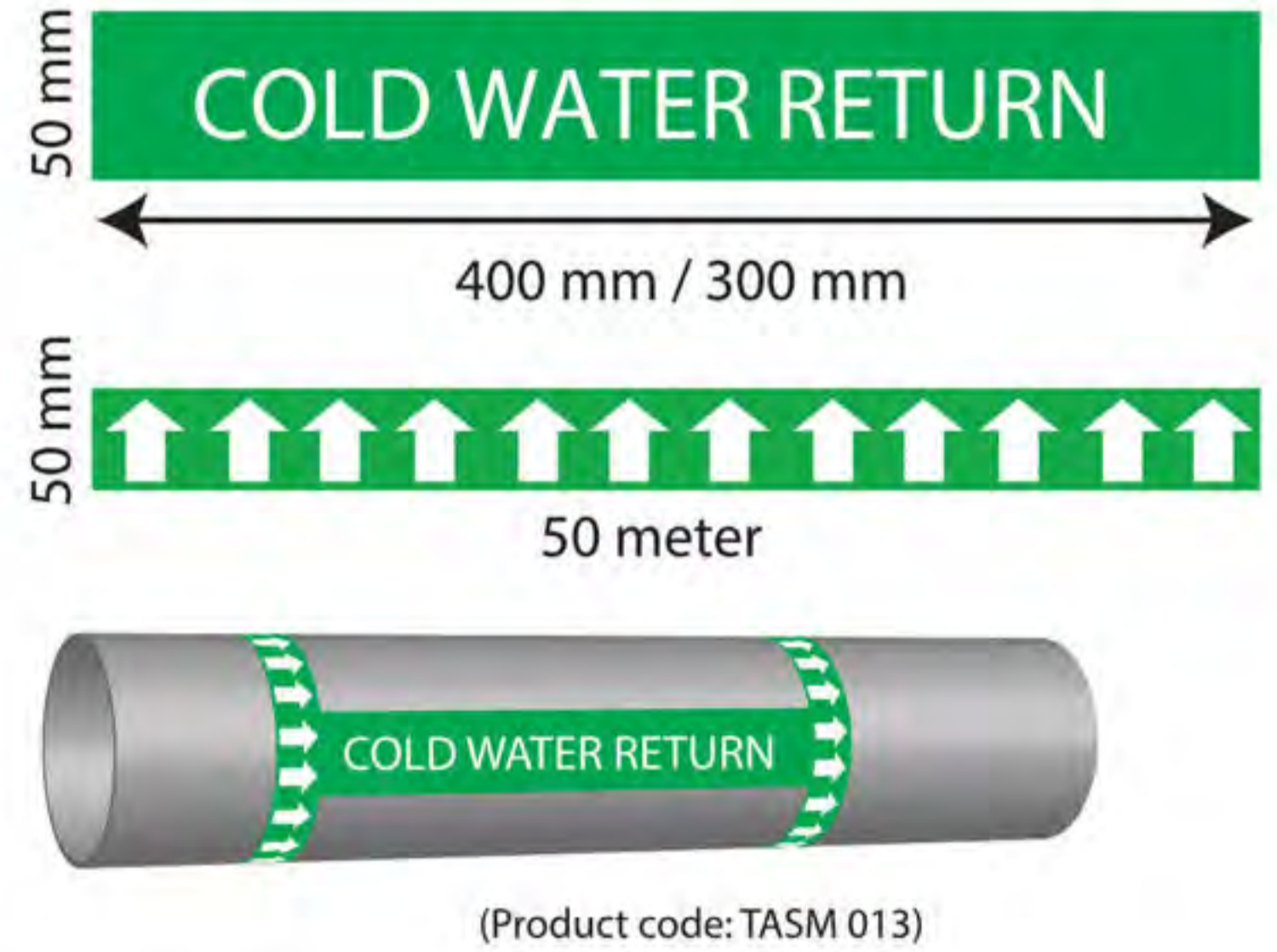
7. COLD WATER SUPPLY



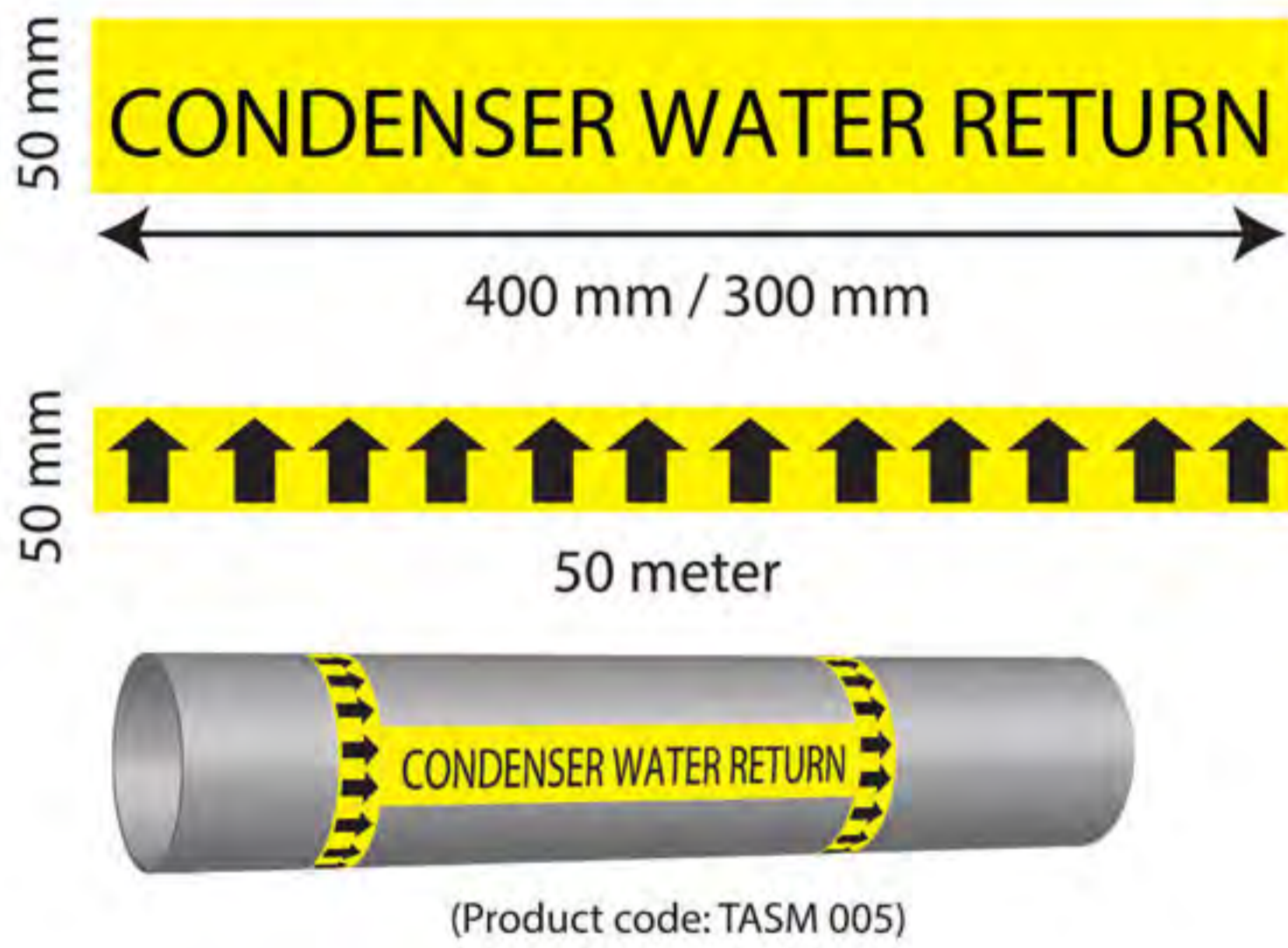
4. CONDENSER WATER RETURN



8. COLD WATER RETURN



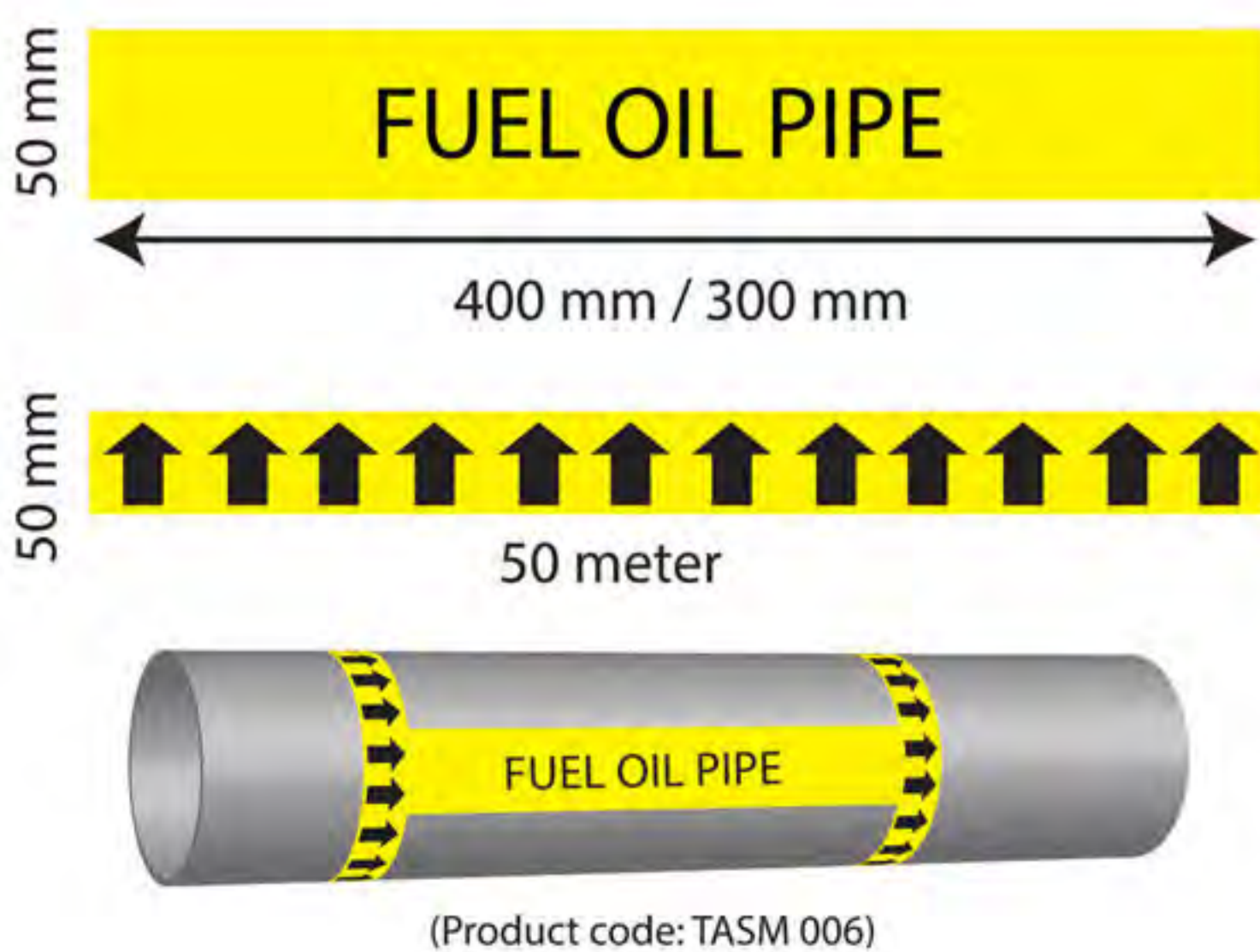
5. CONDENSER WATER RETURN



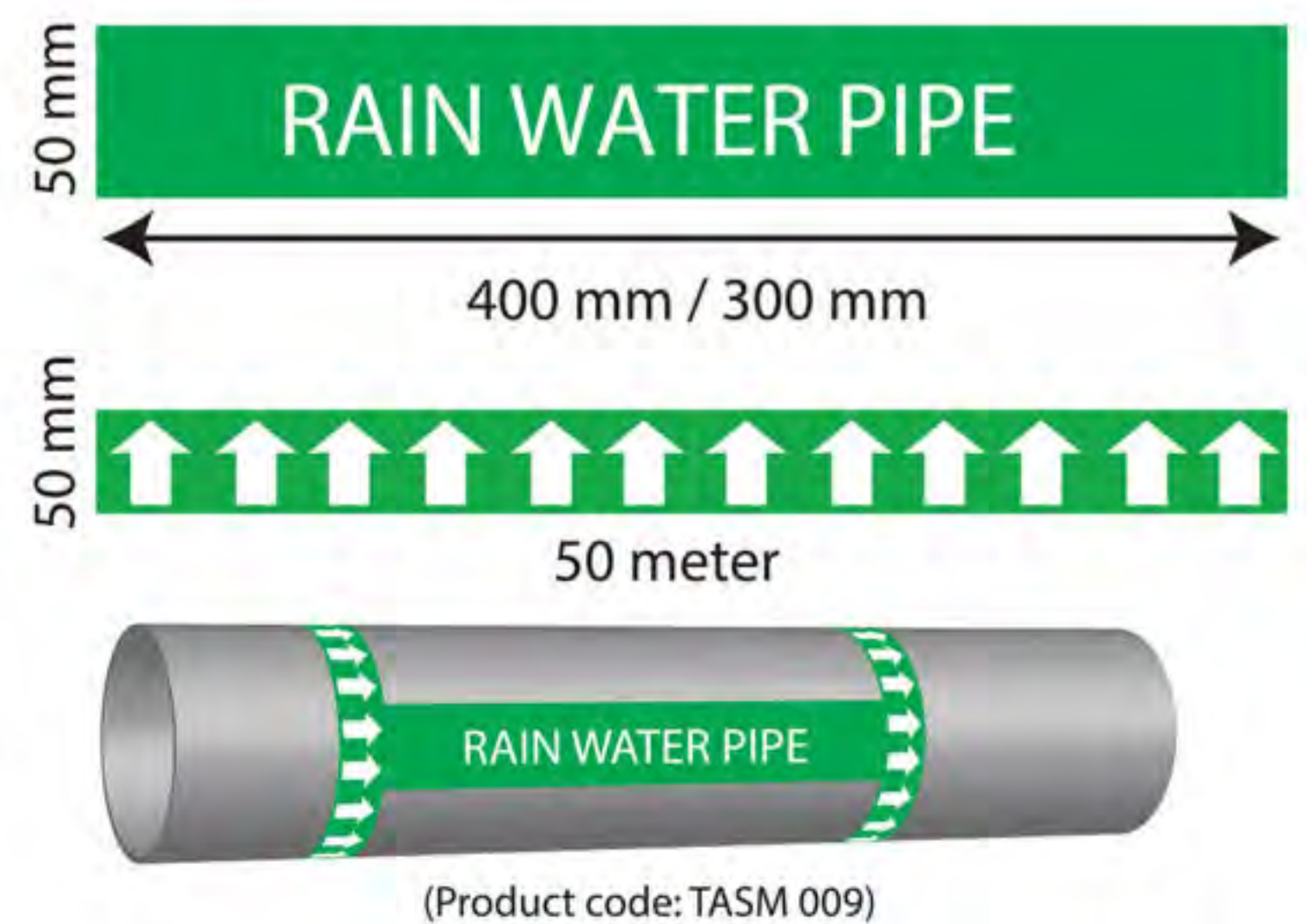
9. WASTE WATER PIPE



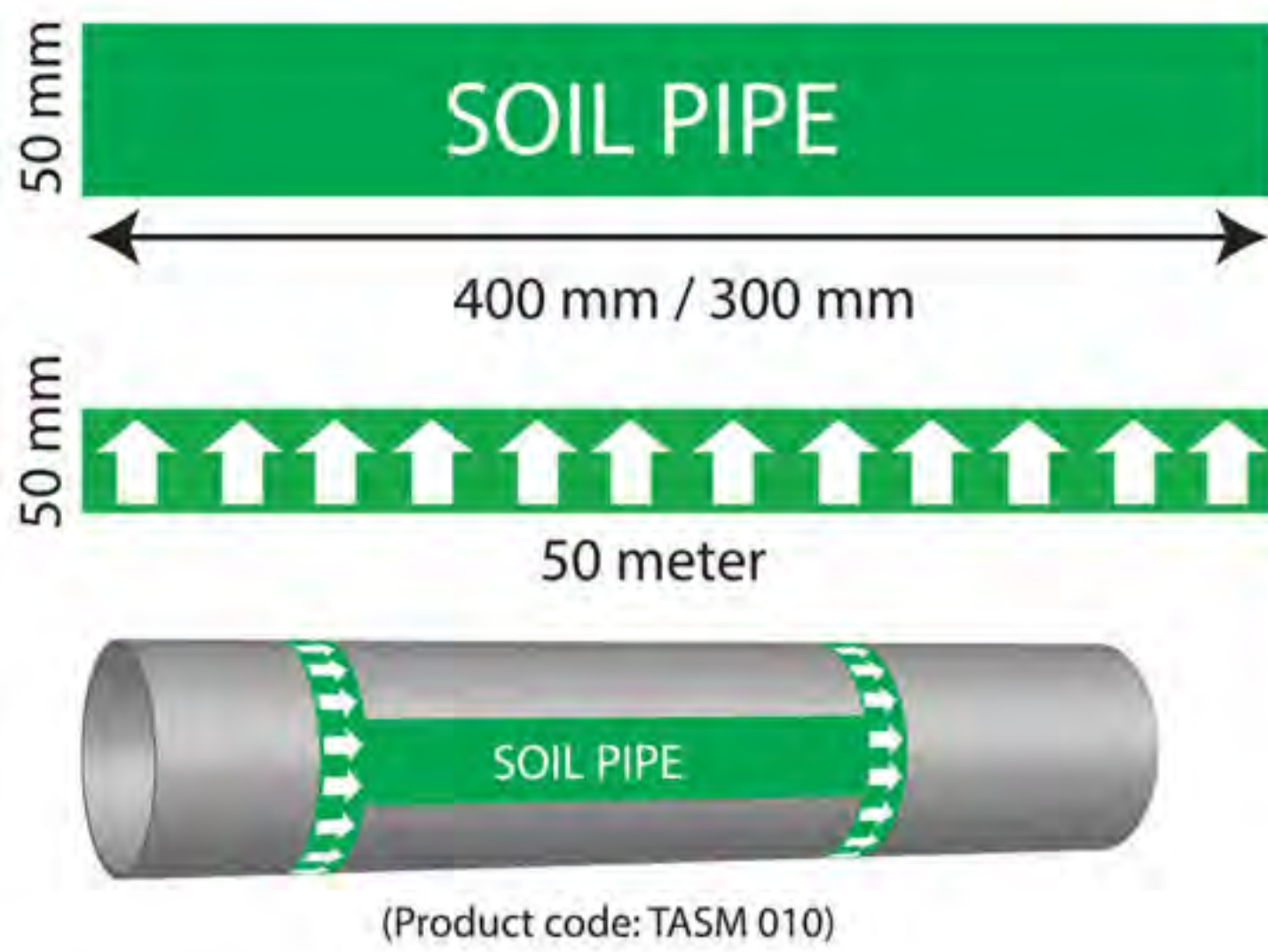
6. FUEL OIL PIPE



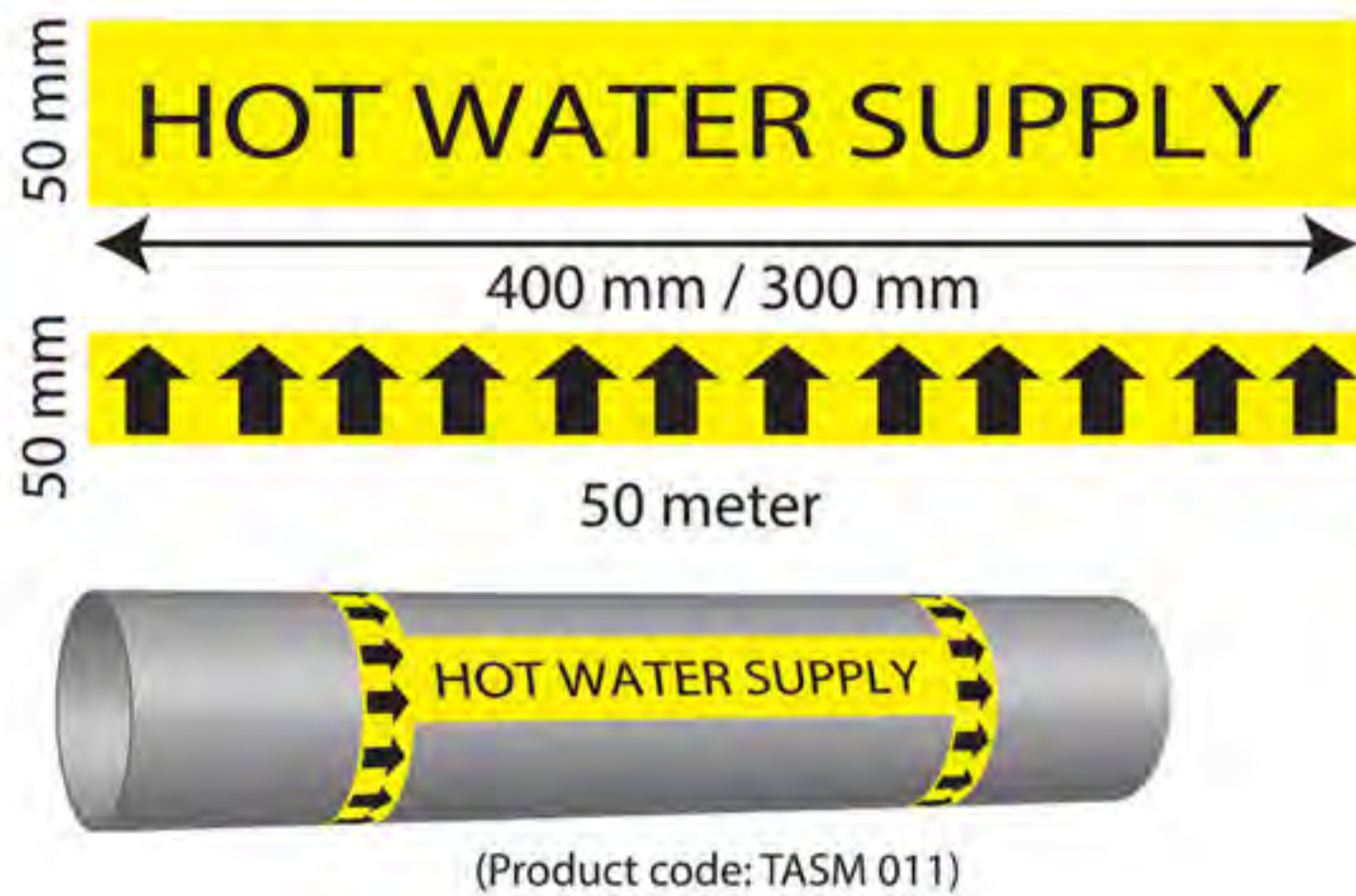
10. RAIN WATER PIPE



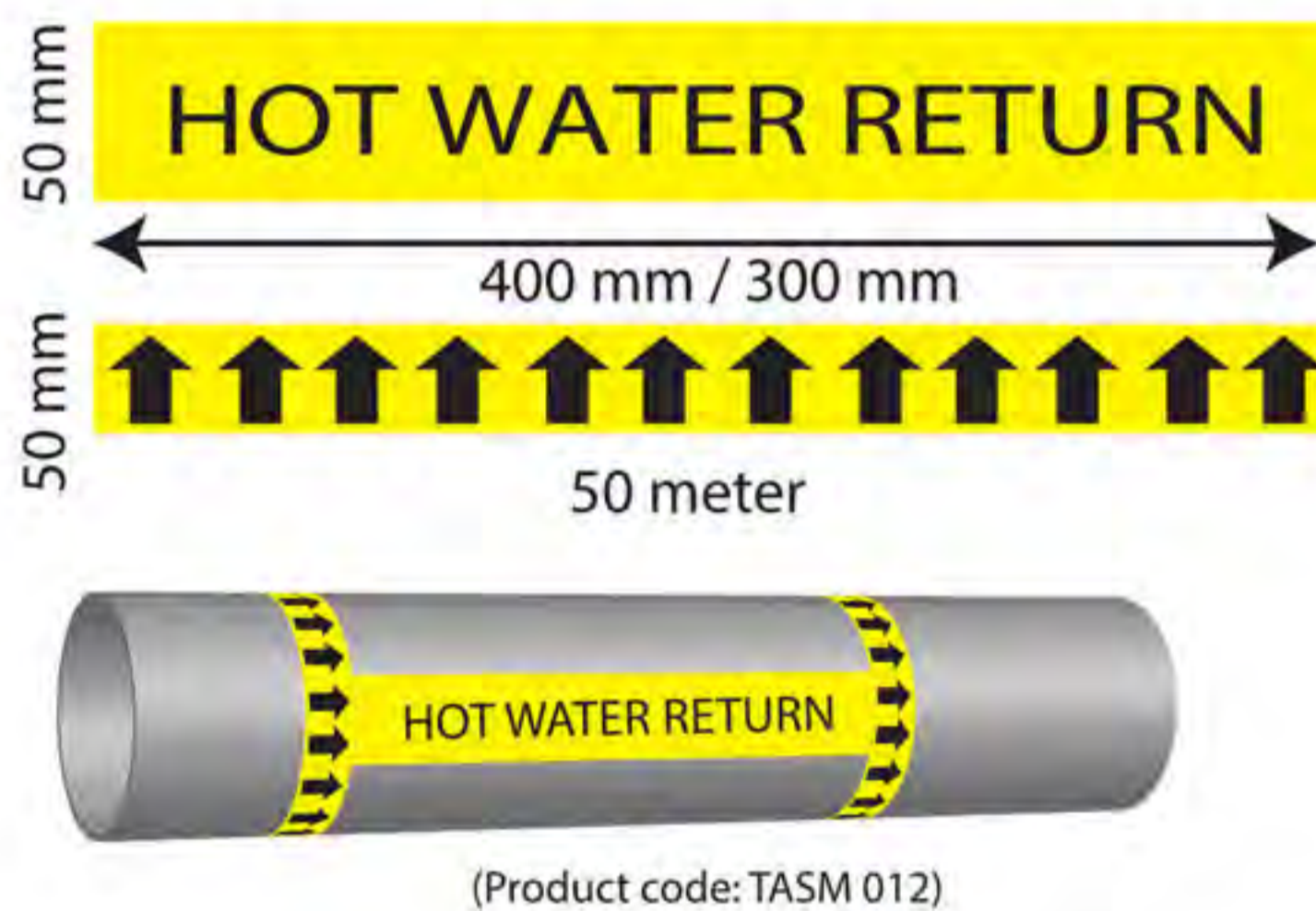
11. SOIL PIPE



12. HOT WATER SUPPLY



13. HOT WATER RETURN



Pipe Marking: British Standard 1710:1984 & Bs 4800

British Standard (BS 1710) provides the standards for identifying pipes, including colour coding, label locations and information about pipe contents. The BS 1710 pipe marking standard is written to be in alignment with the international ISO/R 508 standard "Identification Colours For Pipes Conveying Fluids In Liquid Or Gaseous Conditions In Land Installations and On Board Ships."

However, BS 1710 provides for the option of using user defined supplemental colours for 'other liquids' and specifies marking for ventilation ducts and electrical conduits. BS 1710 also specifies the pipe marking for medical gases and refrigerants. This makes the British 1710 pipe marking standard an all-encompassing standard.

Pipe Marker Locations

The BS 1710 pipe marking standard only applies to pipes carrying fluids that are located above ground and to generic pipes on ships. It requires that, at a minimum, pipe marking must be located on both sides of valves, service appliances, bulkheads, wall and floor penetrations, as well as any other place pipe contents identification is needed.

Pipe Labels should be placed in the following locations:

- On all pipes leading into and away from a manifold system.
- Within one metre of pipework passing through a wall, bund wall, boundary fence or other barrier, or entering the ground.
- On all pipes in a loading gantry, adjacent to the main control valve or flow-meter for each pipe.
- Within one metre of hose connection points. On long runs of pipelines at intervals not exceeding 50 metres where the pipeline is visible along its length, otherwise at 8 metres.
- On long runs of pipelines that travel from grade up into elevated pipe-racks. The markers shall be fitted to the individual lines at the point that the lines rise into the rack, and then at the point the lines come down from the rack.
- On the suction and discharge piping adjacent to any pump.
- At tee connections, valves, and any other point where identification would be required in normal operation. Where pipework enters or exits a tank.
- At any point where identification is required in an emergency or of a hazard.

BS 1710 Pipe Marker Colours

BS 1710 specifies two types of color coding. Basic Identification Colours and Safety Colours. Decorative or protective coatings on pipes may not use any of these colors.

Pipe Contents	Basic ID Colour	Colour Code ID
Water		
Drinking	Green	Auxiliary Blue
Cooling (Primary)	Green	White
Boiler Feed	Green	Crimson White Crimson
Condensate	Green	Crimson Emerald Crimson
Chilled	Green	White Emerald White
Central Heating < 100C	Green	Blue Crimson Blue
Central Heating > 100C	Green	Crimson Blue Crimson
Cold Down Service	Green	White Blue White
Hot Water Supply	Green	White Crimson White
Hydraulic Power	Green	Salmon Pink
Sea, River , Untreated	Green	Green
Fire Extinguishing	Green	Red

Oils

Diesel Fuel	Brown	White
Furnace Fuel	Brown	Brown
Lubricating	Brown	Emerald
Hydraulic Power	Brown	Salmon Pink
Transformer	Brown	Crimson

Refrigeration Services

Refrigerant 12	Yellow Ochre	Blue
Refrigerant 22	Yellow Ochre	Sea Green
Refrigerant 502	Yellow Ochre	Golden Brown
Anhydrous Ammonia	Yellow Ochre	Dark Mauve
Other Refrigerants	Yellow Ochre	Emerald Green

Others

Natural Gas	Yellow Ochre	Primrose
Compressed Air	Light Blue	Light Blue
Vacuum	Light Blue	White
Steam	Grey	Silver Grey
Drainage	Black	Black
Electrical Conduits and Vent Ducts	Orange	Orange
Acid and Alkalis	Purple	Violet

BS 1710 Pipe Content Information - Code Indications

The British Standard 1710 pipe marking code requires that information about pipe contents be provided using at least one of the following methods:

- The full name
- The common abbreviation of the name
- The chemical symbol

- The refrigerant number as specified in British Standard 4580
- The appropriate colour bands (including specific color coding specified for medical and general building services, and optional colour bands for refrigeration services).

The above Code Indications must be at least at the specified locations for pipe markers, and there must always be a Code Indication next to any banding. Pipe content names, abbreviations, symbols and numbers must be printed in either black or white, whichever provides the best contrast. The Code Indications are to be placed directly on the pipe or on a label placed on the pipe. The background colour of the label must match the safety identification color.

Indicating The Direction Of Flow

The direction of the fluid flow in a pipe is to be indicated by an arrow located near the basic Identification Color. The arrow may be either white or black, whichever provides the best contrast. If a label with the Identification Colour is being used, the direction of flow is indicated by the pointed end of this label.

Primary Scheme of Identification (BS 1710:1984)

Non-Adhesive Pipeline Identification Bands:

Size: 400 mm x 50m rolls.

Note: Wrapped on pipes attached with double sided tape available separately.

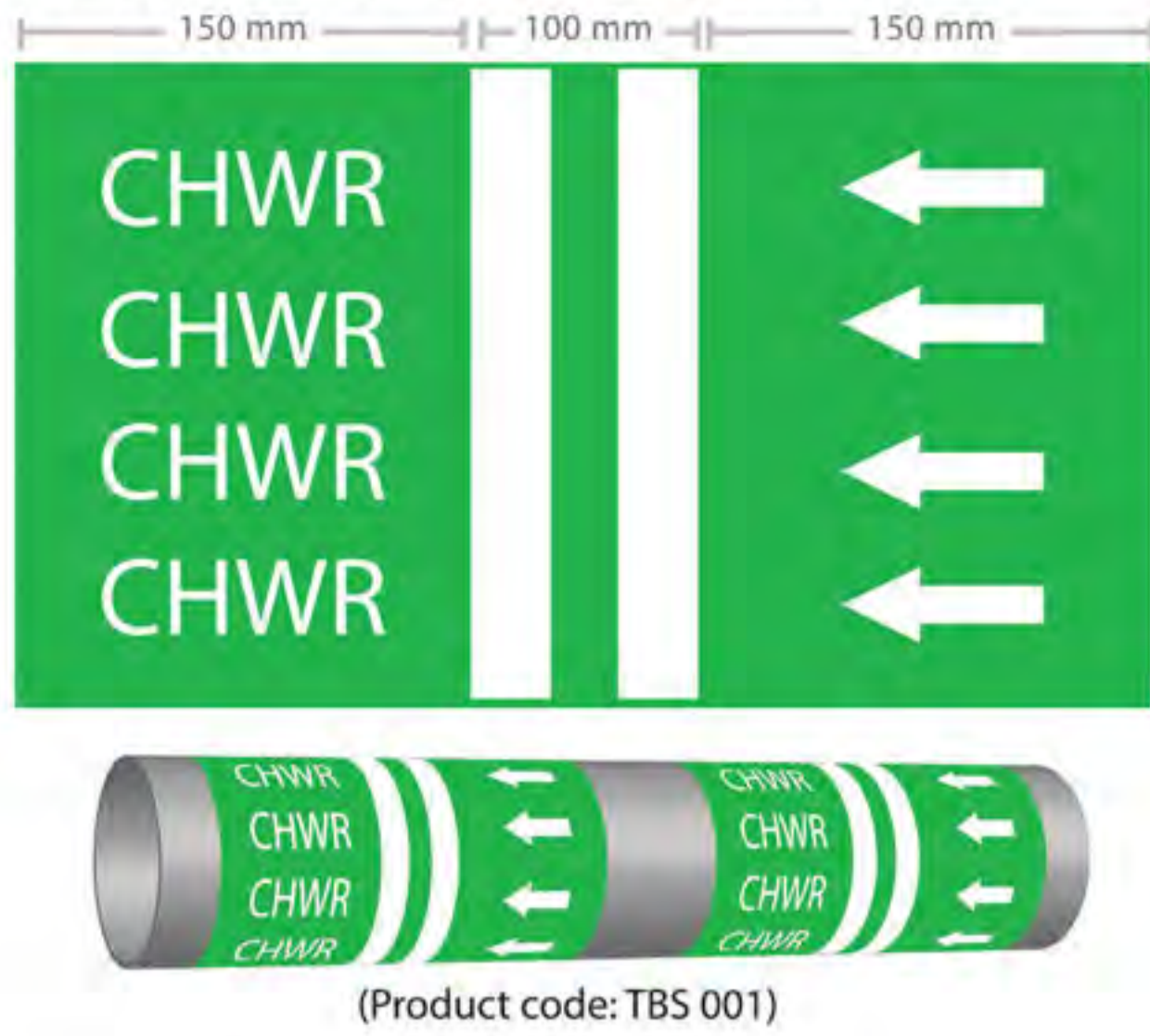
1. CHILLED WATER SUPPLY (CHWS)

150 mm 100 mm 150 mm

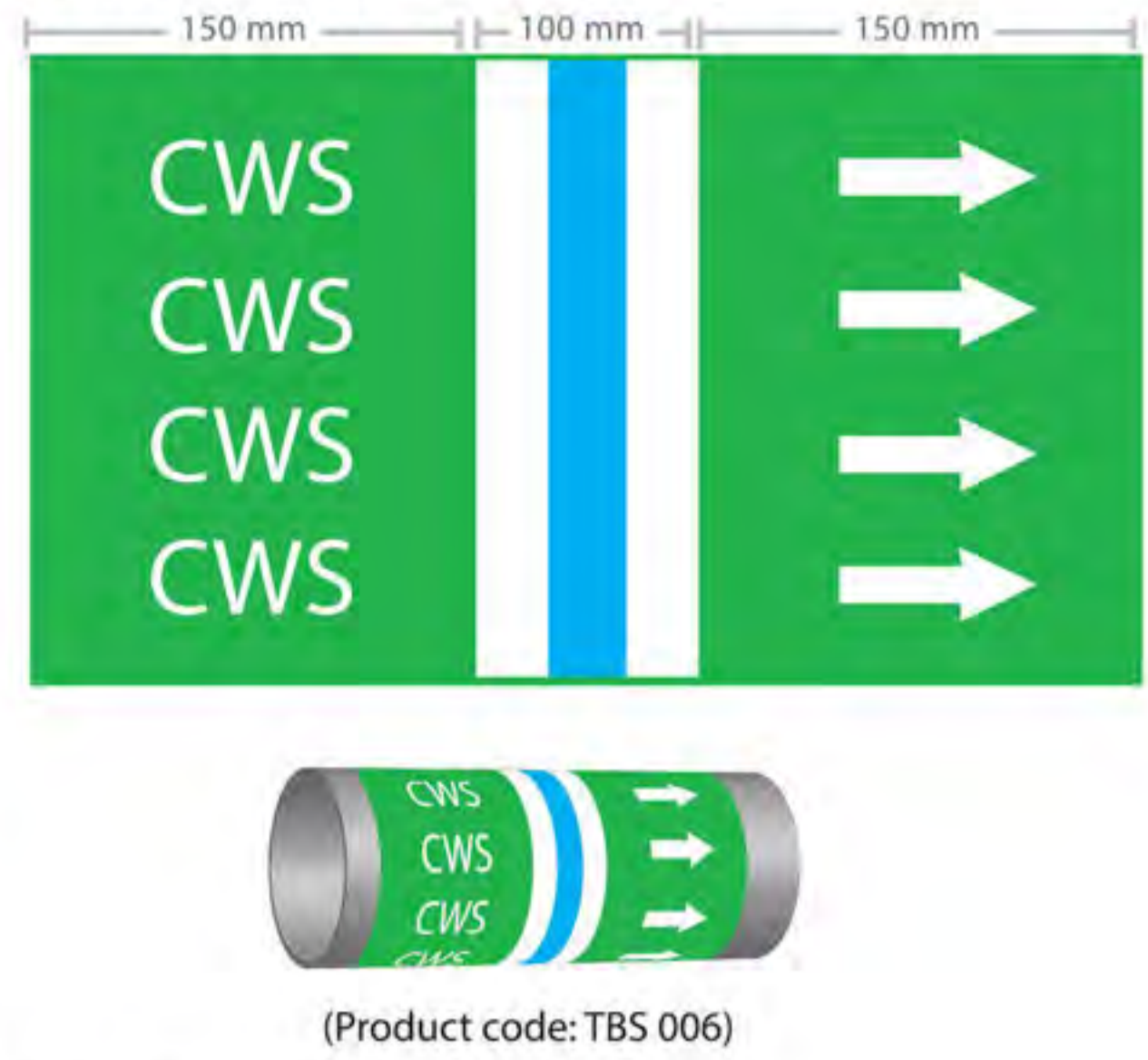


(Product code: TBS 001)

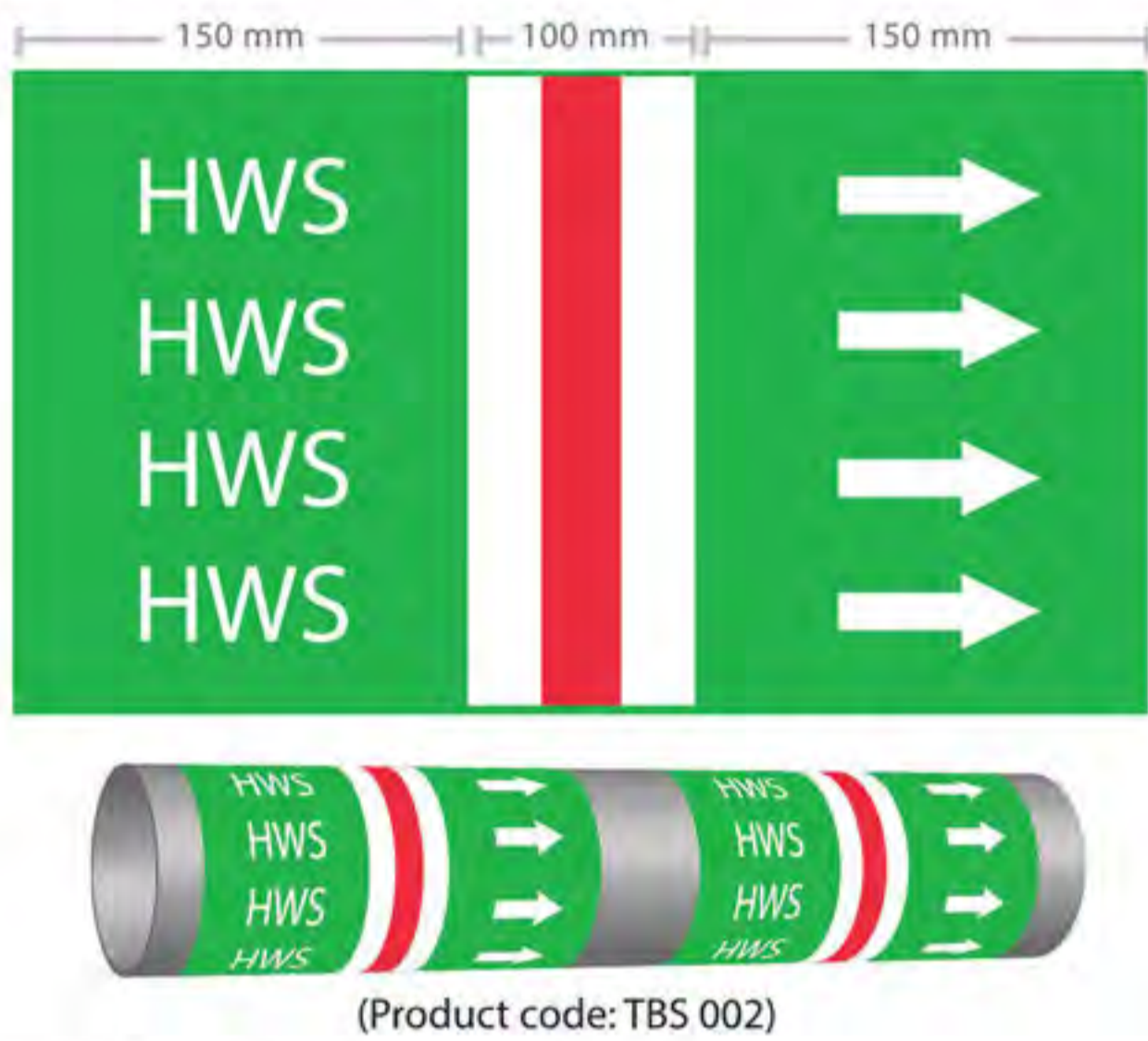
2. CHILLER WATER RETURN (CHWR)



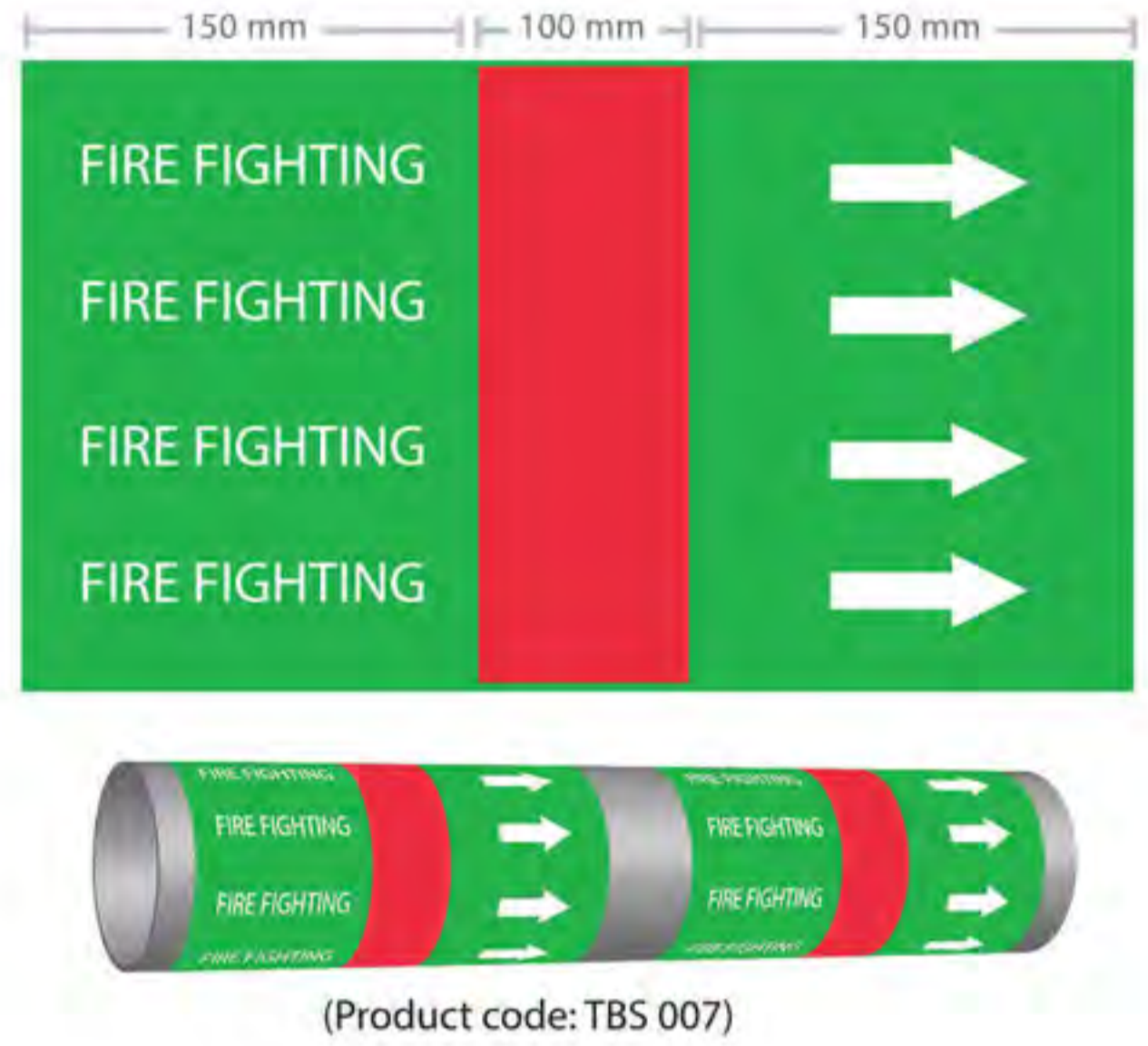
6. COLD WATER SUPPLY (CWS)



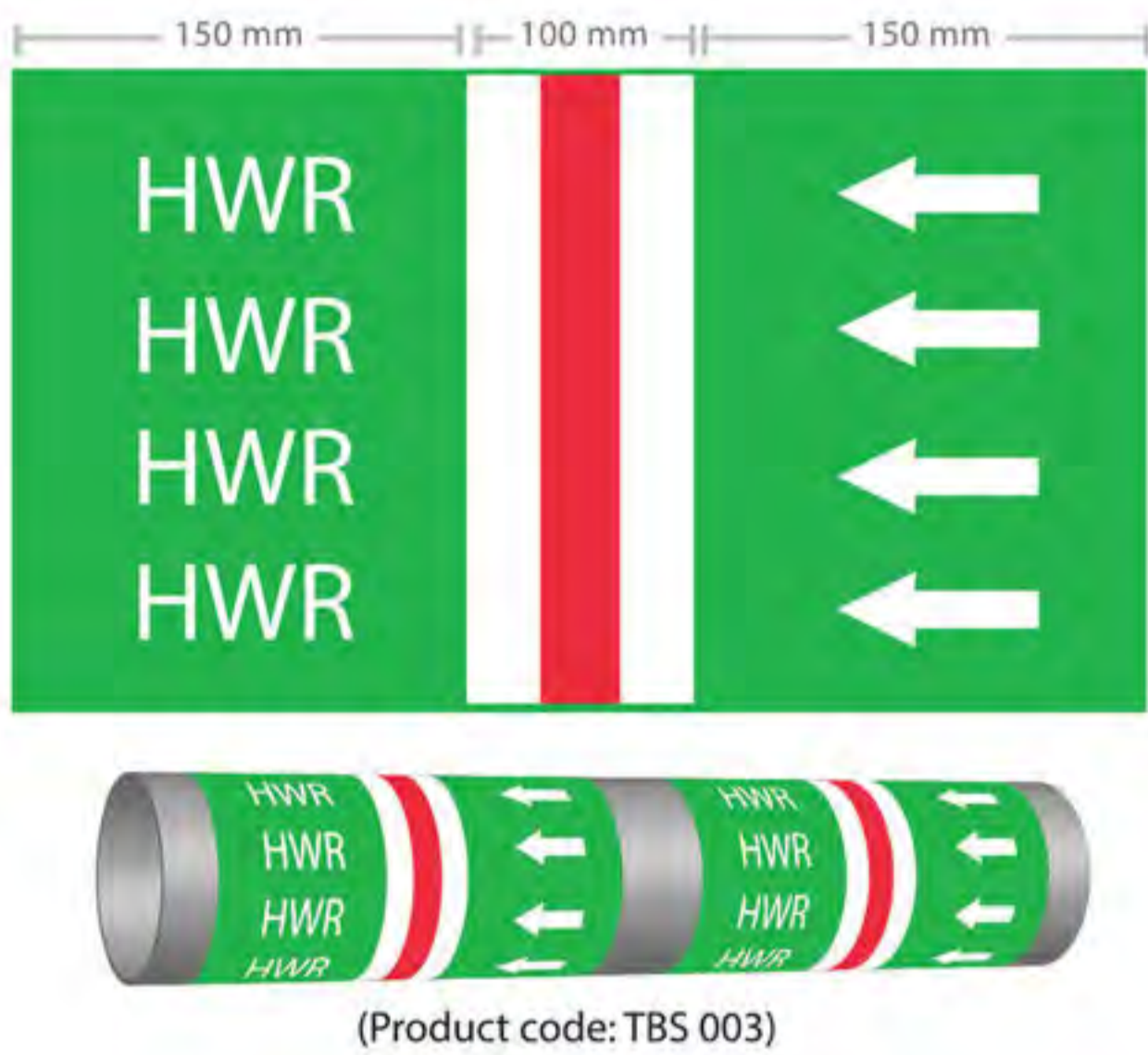
3. HOT WATER SUPPLY (HWS)



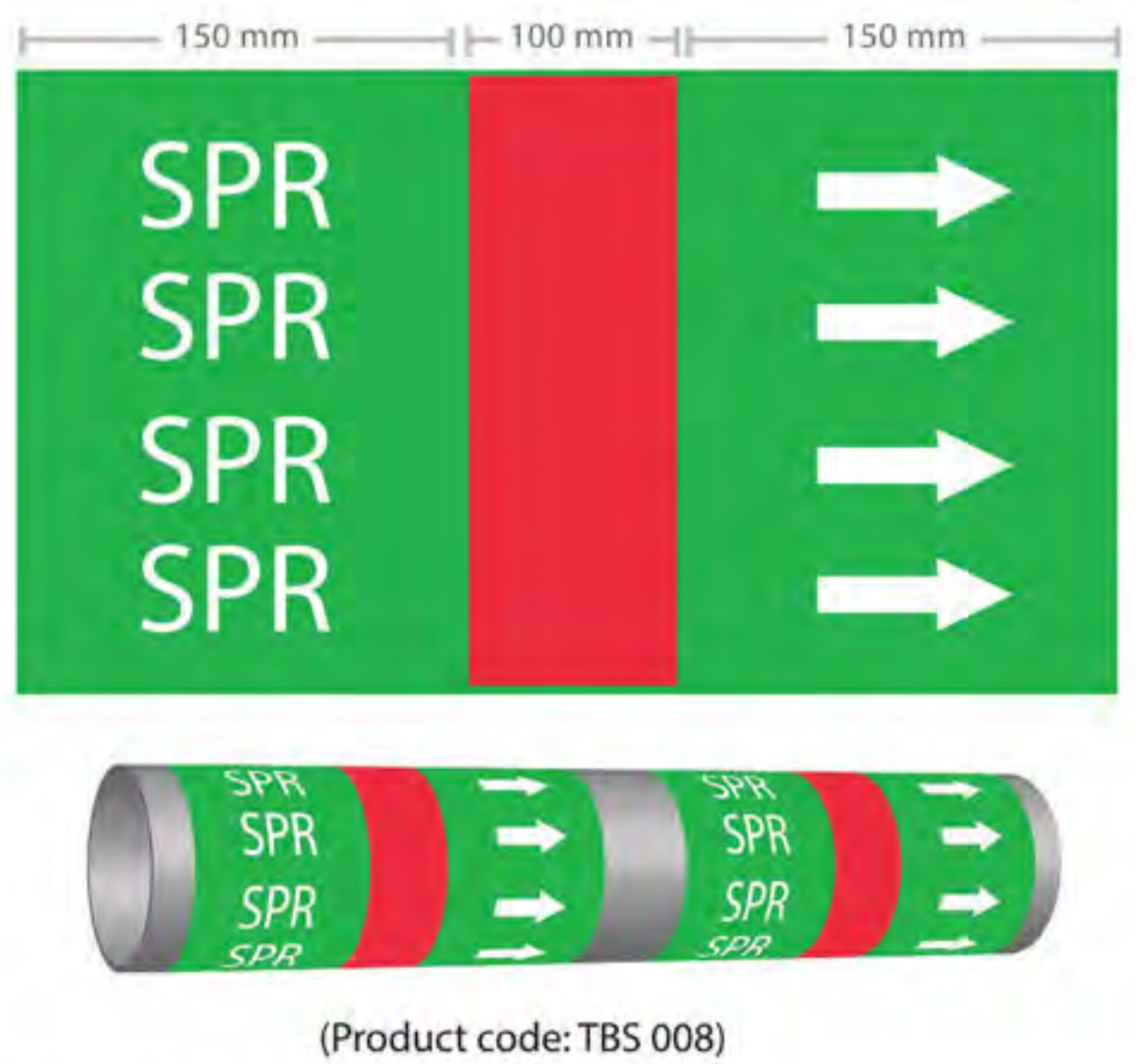
7. FIRE FIGHTING (FF)



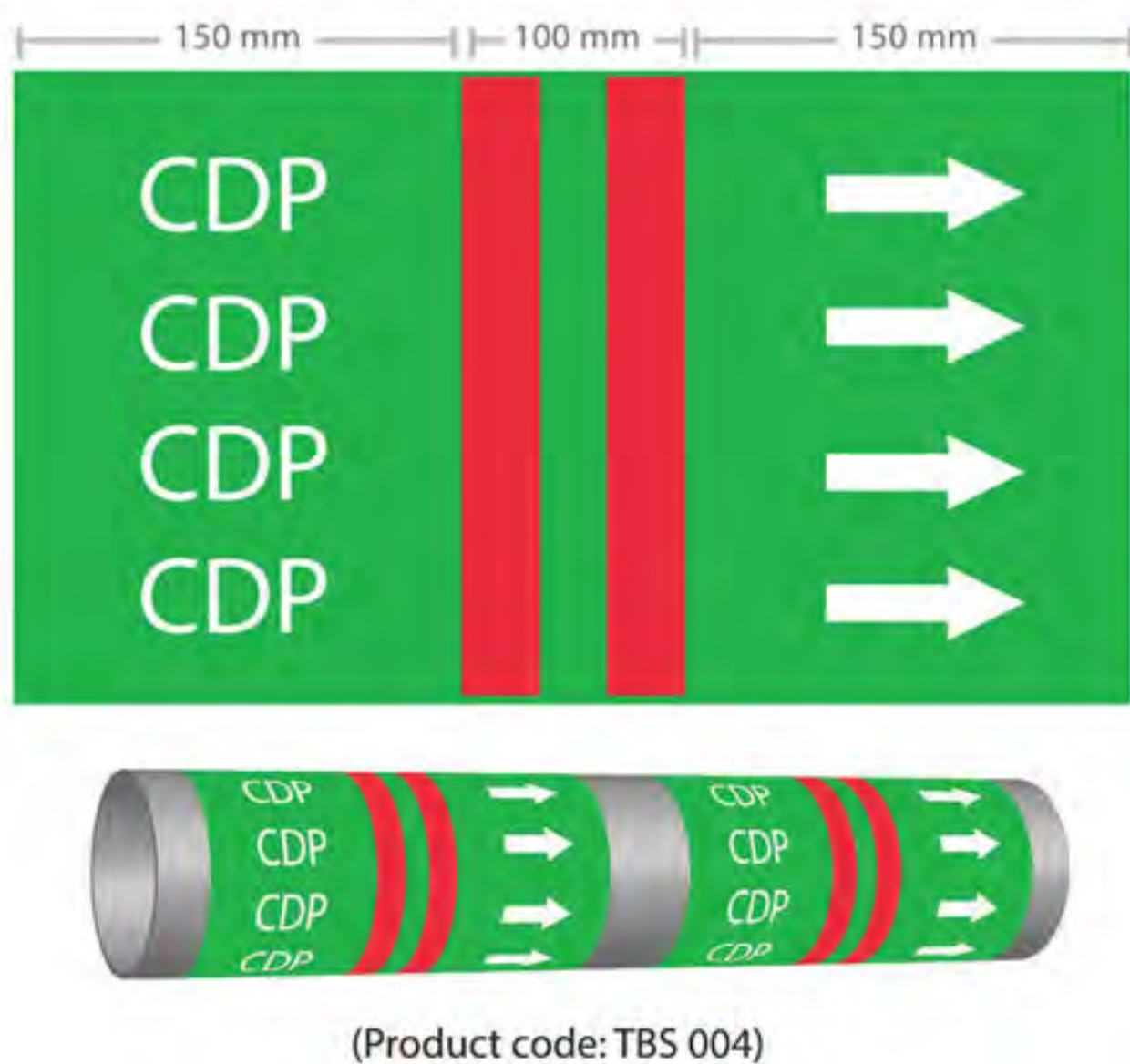
4. HOT WATER RETURN (HWR)



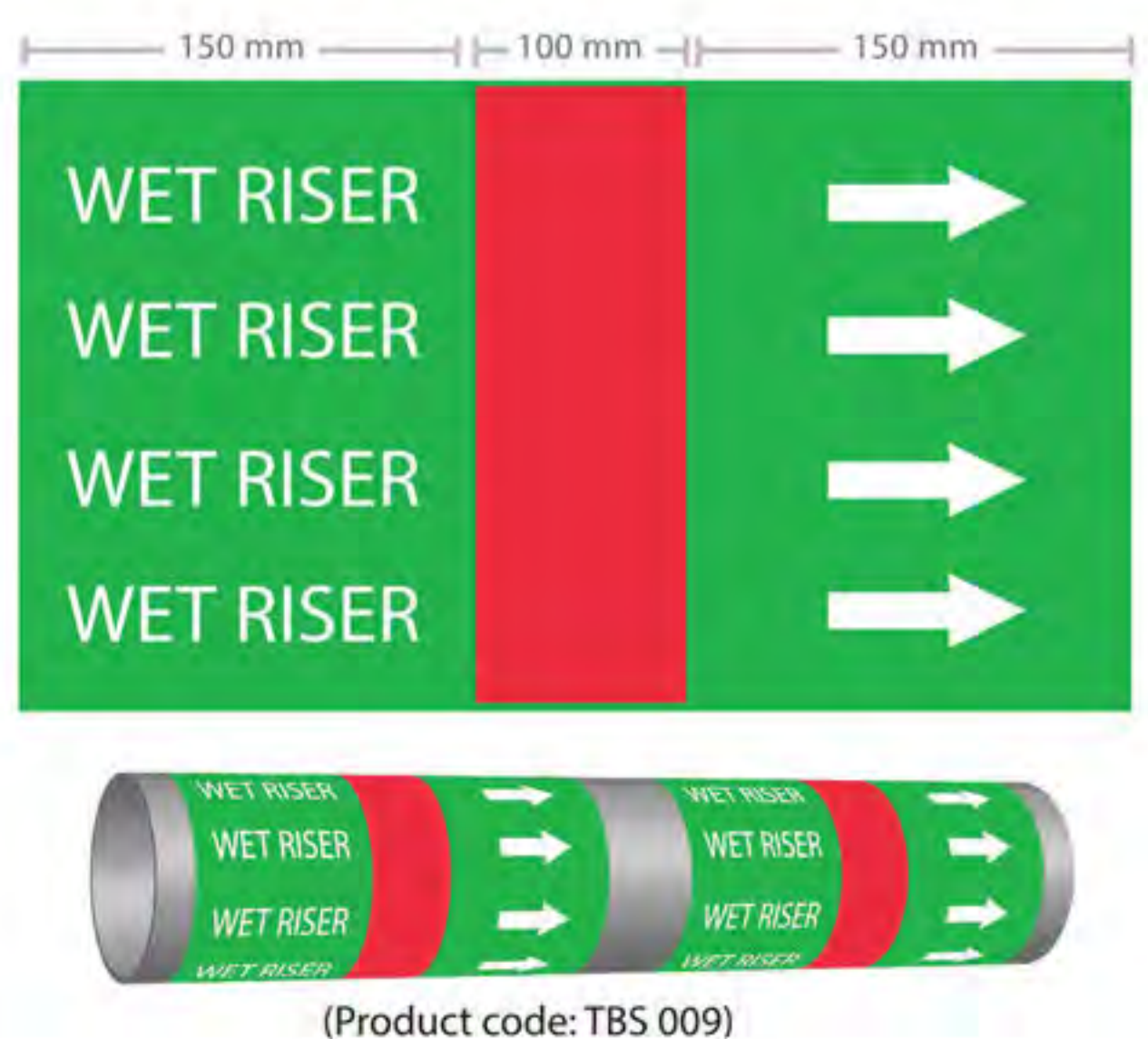
8. SPRINKLER PIPE (SPR)



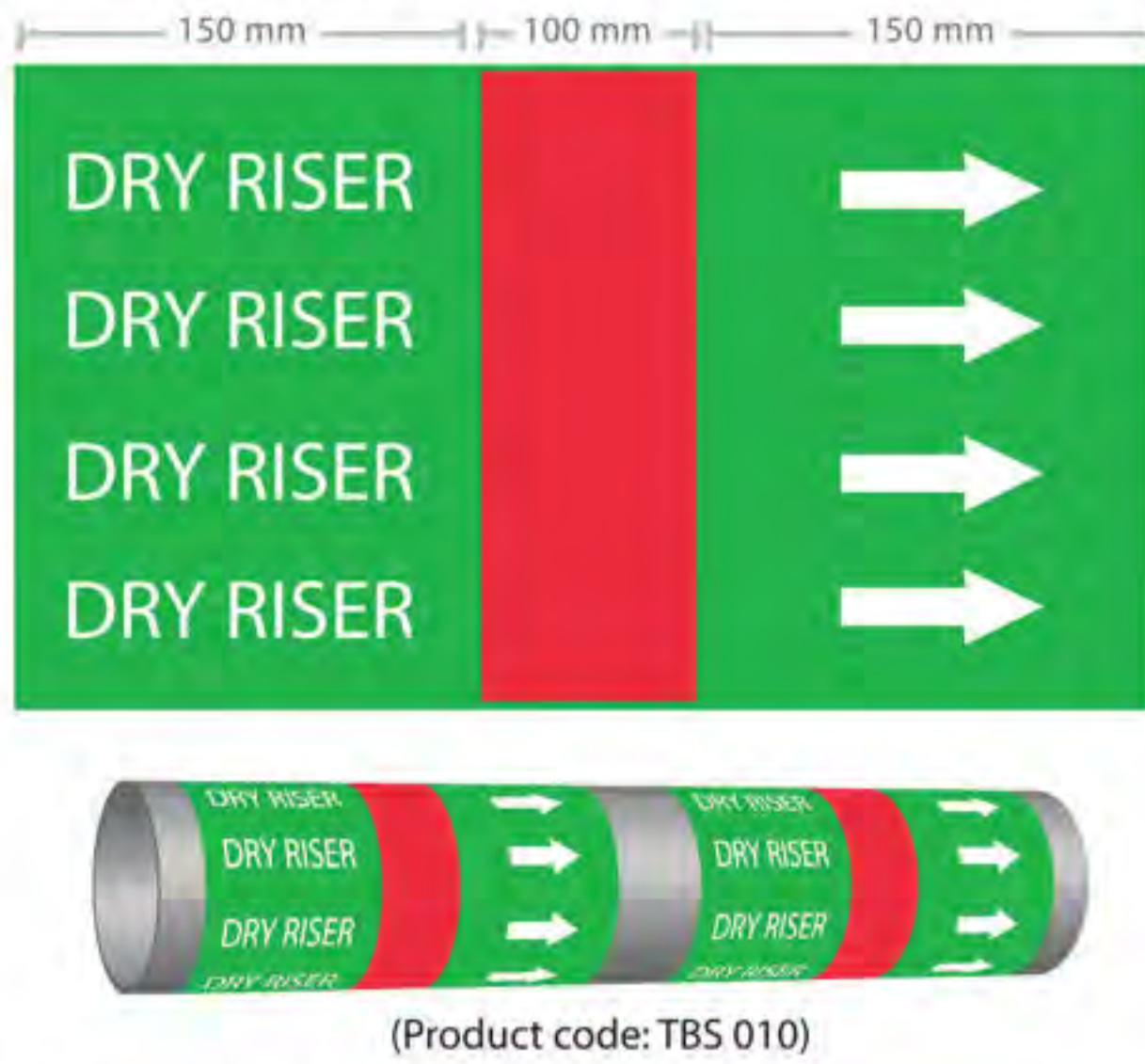
5. CONDENSATE DRAIN WATER PIPE (CDP)



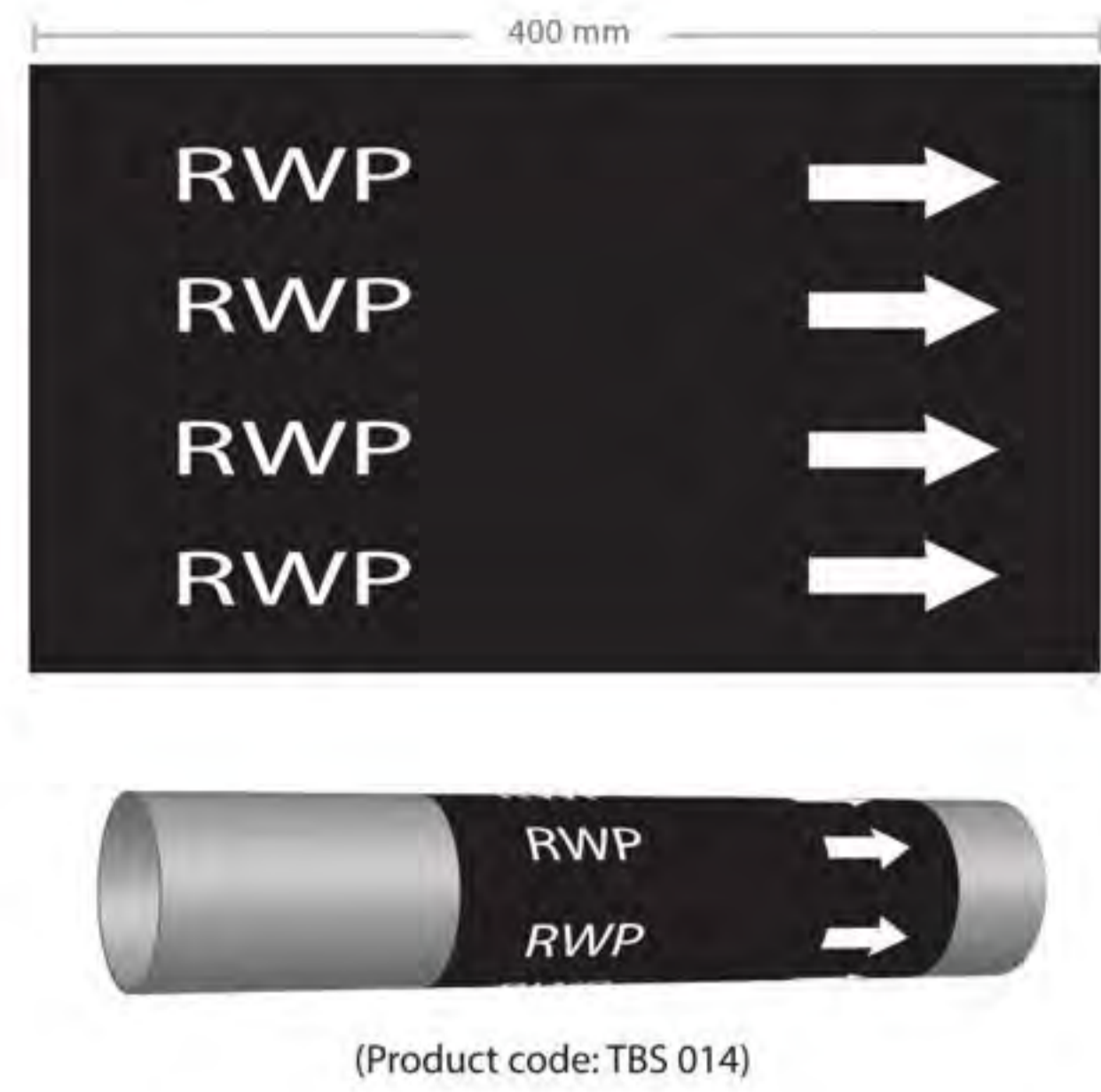
9. WET RISER PIPE (WR/WRP)



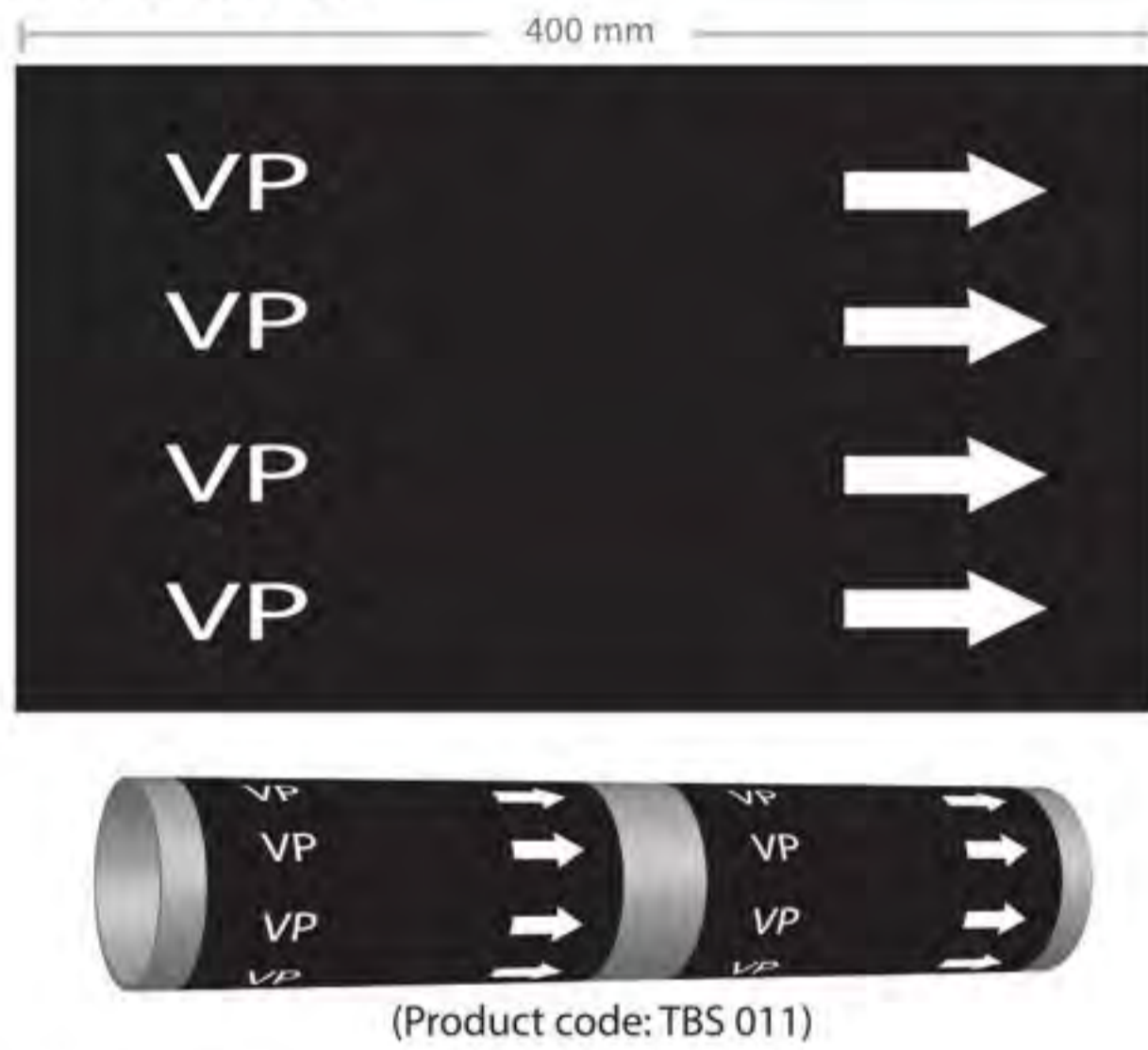
10. DRY RISER PIPE (DR/DRP)



14. RAIN WATER PIPE (RWP)



11. VENT PIPE (VP)



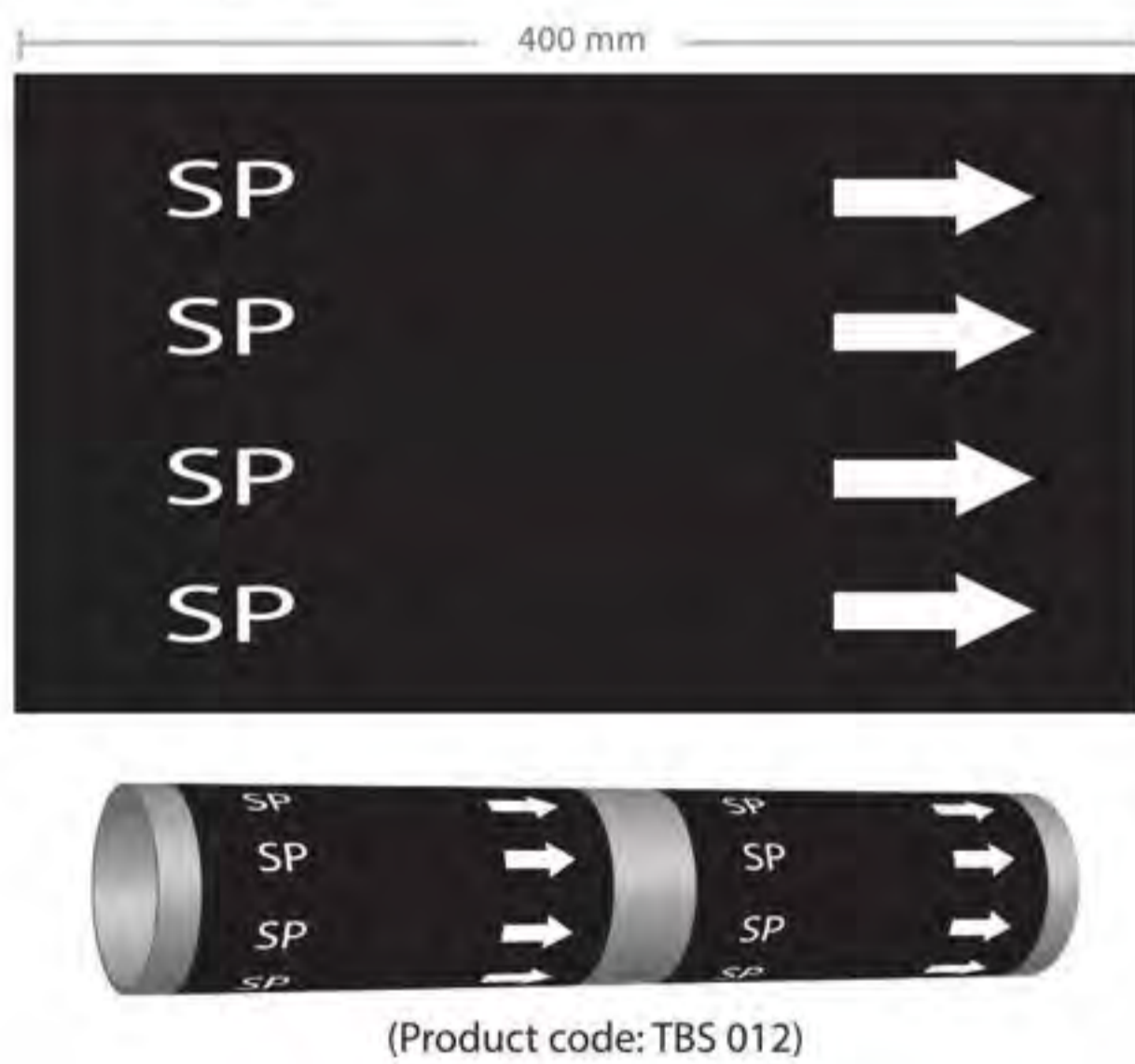
Secondary Scheme of Identification (BS 1710:1984)

Self-Adhesive Pipeline Identification Bands:

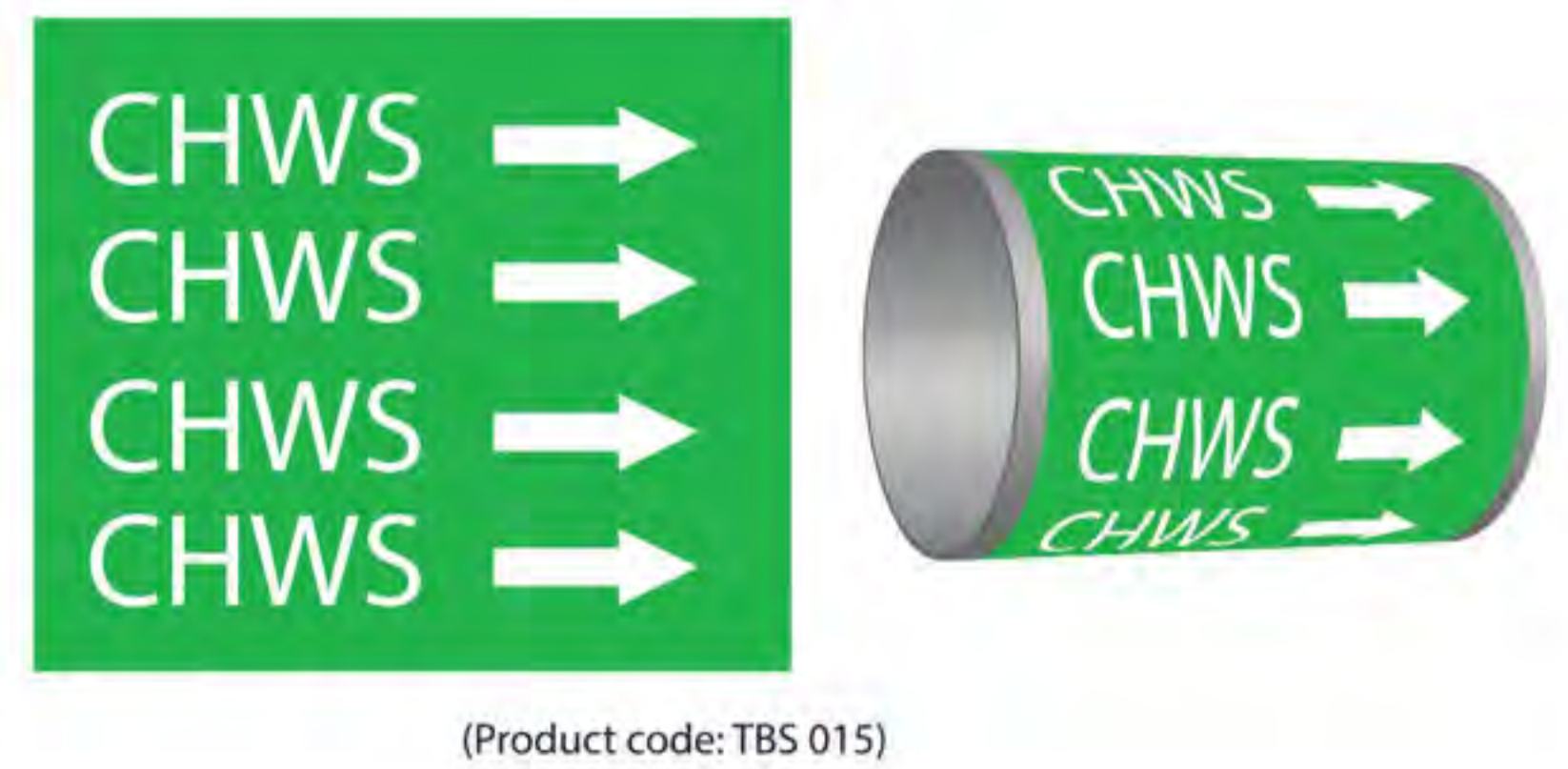
Size: 200 mm X 50 m, 150 mm X 50 m,
100 mm X 50 m, 50 mm X 50 m rolls

** Custom size also available

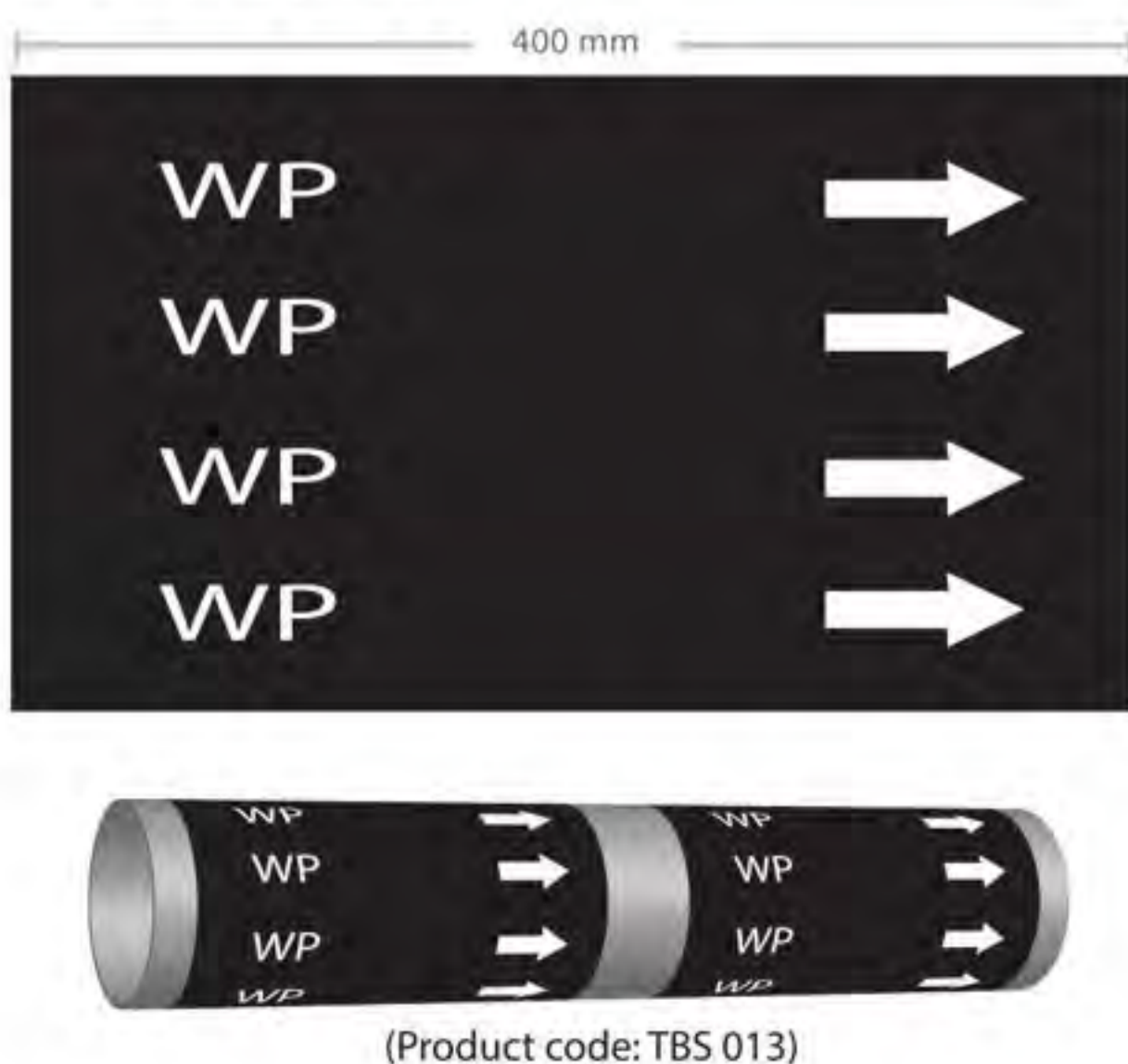
12. SOIL PIPE (SP)



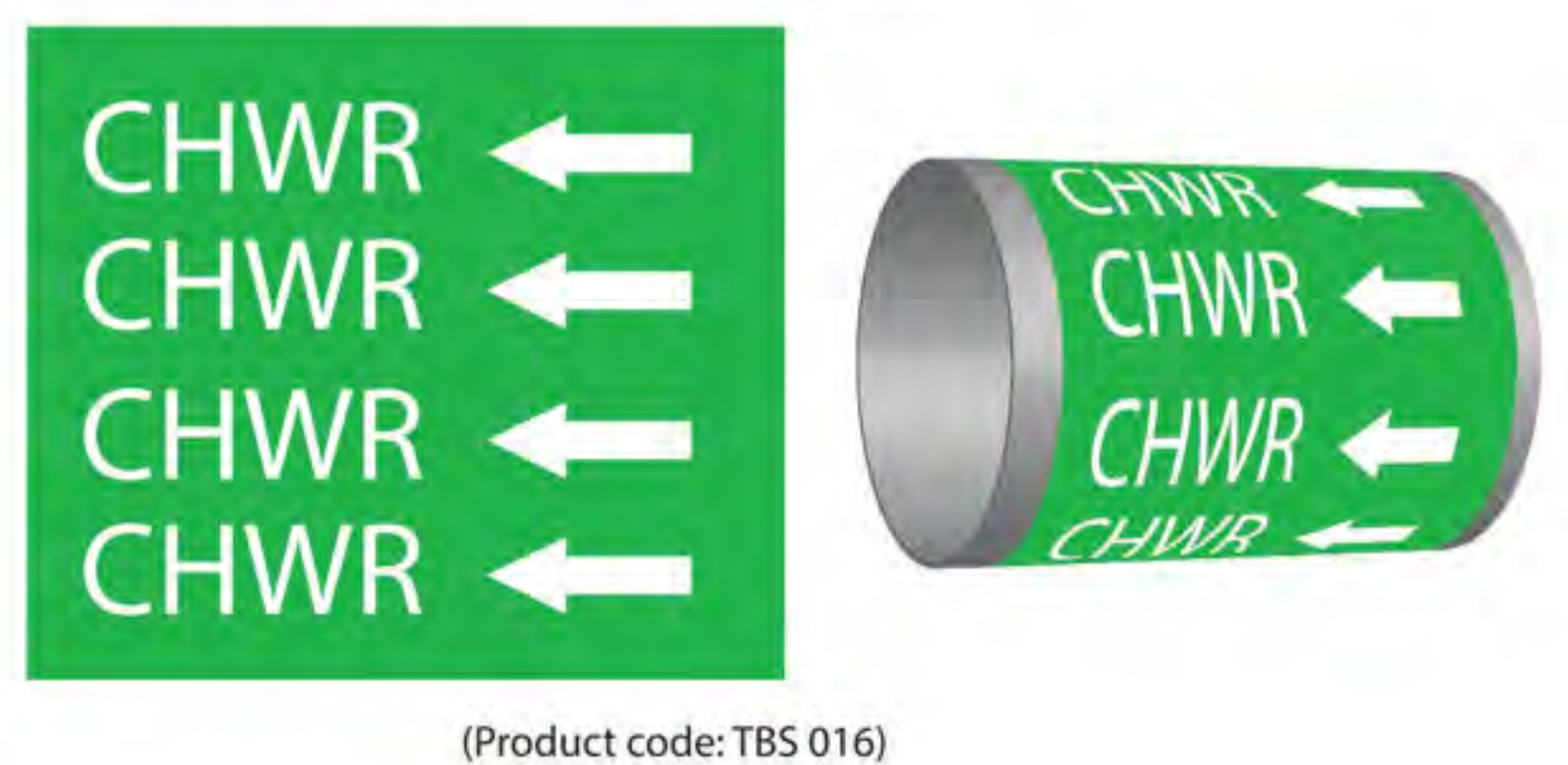
1. CHILLED WATER SUPPLY (CHWS)



13. WASTE PIPE (WP)



2. CHILLED WATER RETURN (CHWR)

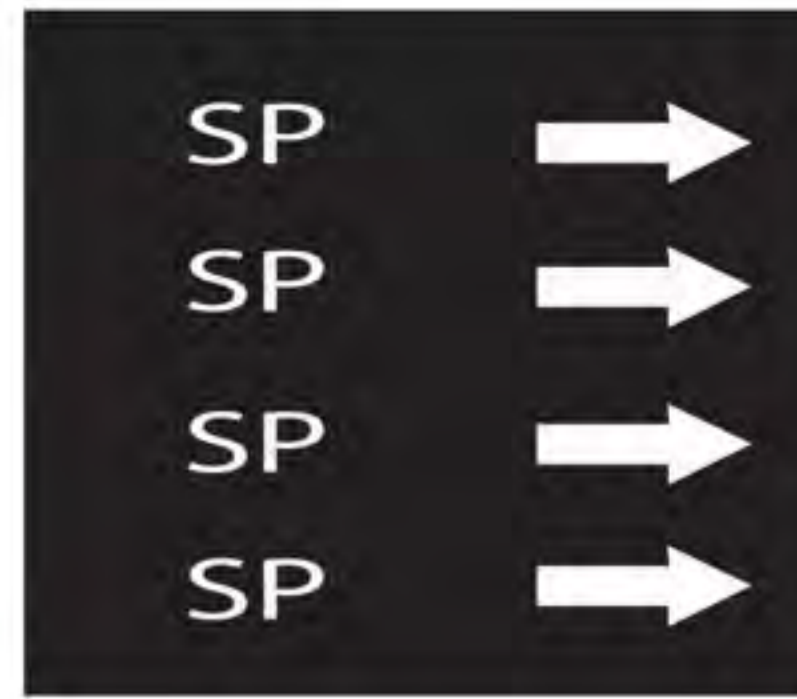


3. HOT WATER SUPPLY (HWS)



(Product code: TBS 017)

8. SOIL PIPE (SP)



(Product code: TBS 022)

4. HOT WATER RETURN (HWR)



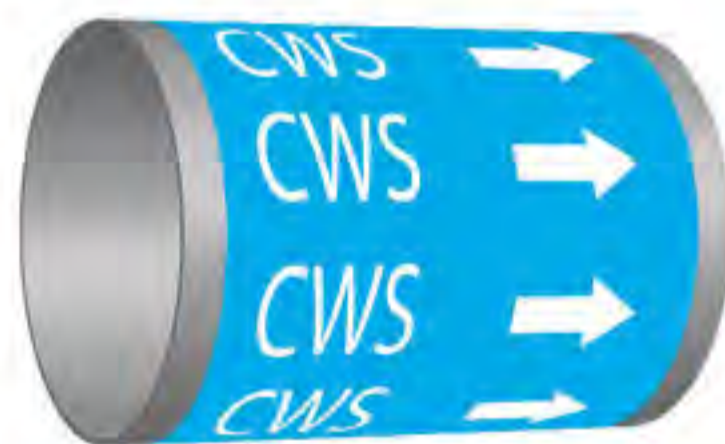
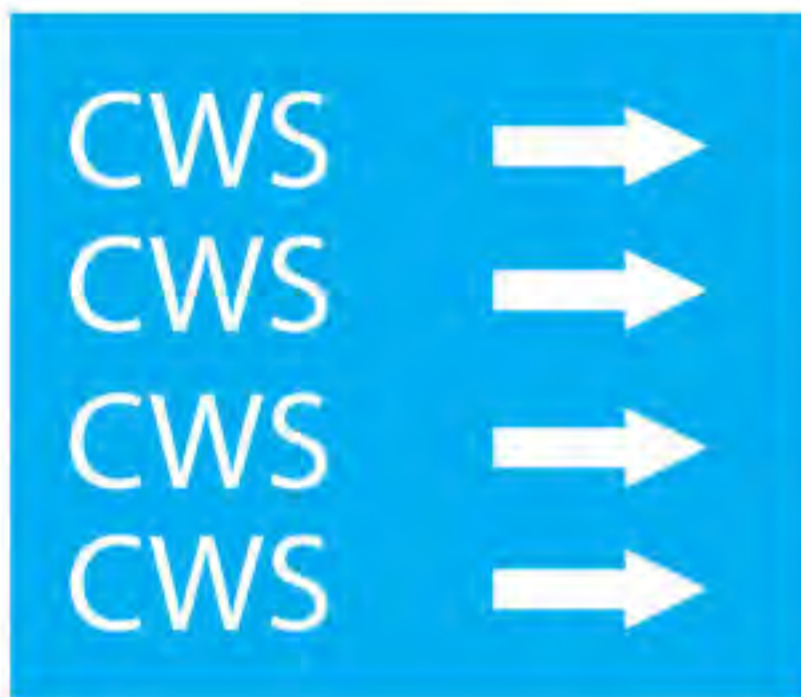
(Product code: TBS 018)

9. WASTE PIPE (WP)



(Product code: TBS 023)

5. COLD WATER SUPPLY - (CWS)



(Product code: TBS 019)

10. RAIN WATER PIPE (RWP)



(Product code: TBS 024)

6. COLD WATER RETURN - (CWR)



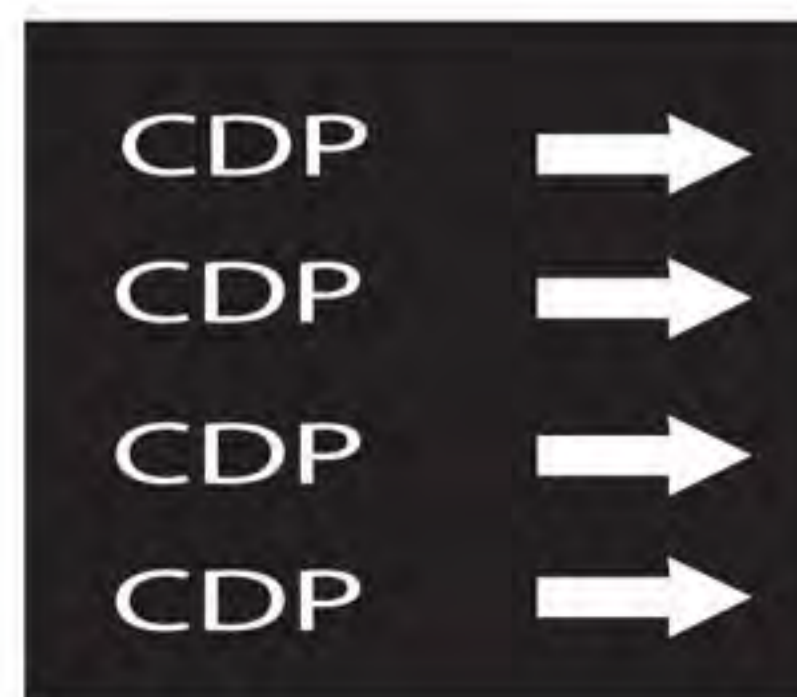
(Product code: TBS 020)

7. VENT PIPE (VP)



(Product code: TBS 021)

11. CONDENSATE DRAIN WATER PIPE (CDP)



(Product code: TBS 025)

Identification for Fire Fighting Service

1. FIRE FIGHTING



(Product code: TBS 026)

FIRE FIGHTING →
(Product code: TBS 031)

WET RISER →
(Product code: TBS 032)

FIRE HOSE REEL →
(Product code: TBS 033)

DRY RISER →
(Product code: TBS 034)

FIRE EXTINGUISHER →
(Product code: TBS 035)

SPRINKLER PIPE →
(Product code: TBS 036)

FIRE WATER LINE →
(Product code: TBS 037)

نظام الرشاشات
SPRINKLER SYSTEM
(Product code: TBS 038)

الاتاييب اصاعده
STAND PIPE SYSTEM
(Product code: TBS 039)

أنبوب حريق
FIRE STAND PIPE
(Product code: TBS 040)

2. SPRINKLER PIPE (SPR)



(Product code: TBS 027)

HOT WATER SUPPLY →
(Product code: DM 001)

HOT WATER RETURN ←
(Product code: DM 002)

CHILLED WATER SUPPLY →
(Product code: DM 003)

CHILLED WATER RETURN ←
(Product code: DM 004)

CHILLED WATER SUPPLY
(Product code: DM 005)

COLD WATER SUPPLY →
(Product code: DM 006)

COLD WATER RETURN ←
(Product code: DM 007)

POTABLE WATER
(Product code: DM 008)

3. WET RISER PIPE



(Product code: TBS 028)

WASTE PIPE →
(Product code: DM 009)

VENT PIPE →
(Product code: DM 010)

SOIL PIPE →
(Product code: DM 011)

4. DRY RISER PIPE



(Product code: TBS 029)

Fire Fighting Service - Adhesive Strip

Size: 400 mm X 50 mm, 300 mm X 50 mm, 200 mm X 25 mm.

** Custom size also available

Self Adhesive Strips

Size: 400 mm X 50 mm, 300 mm X 50 mm, 200 mm X 25 mm.

** Custom size also available

RAIN WATER PIPE →

(Product code: DM 012)

CONDENSATE DRAIN PIPE →

(Product code: DM 013)

Color Coded Banding Tapes (BS 1710:1984)

Standard: Current British Standards 1710:1984 with amendments 1989 and 1991 and to BS 4800 color specifications or continental RAL standards



STANDARD COLORS

RED

(Product code: CCB 001)

BLUE

(Product code: CCB 002)

GREEN

(Product code: CCB 002)

YELLOW

(Product code: CCB 002)

ORANGE

(Product code: CCB 002)

PURPLE

(Product code: CCB 002)

BLACK

(Product code: CCB 002)

BROWN

(Product code: CCB 002)

WHITE

(Product code: CCB 002)

CLEAR

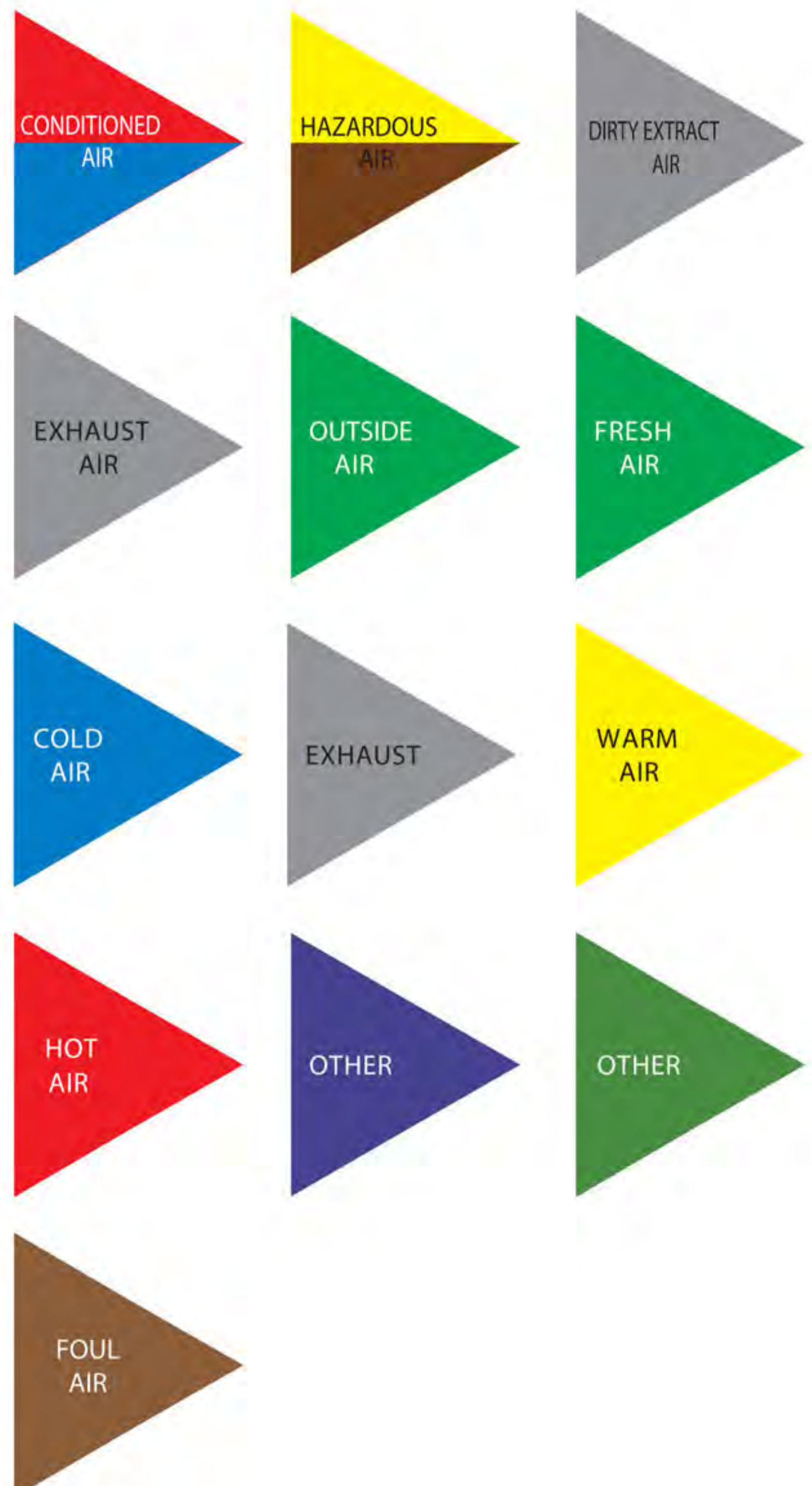
(Product code: CCB 002)

Ductwork Identification

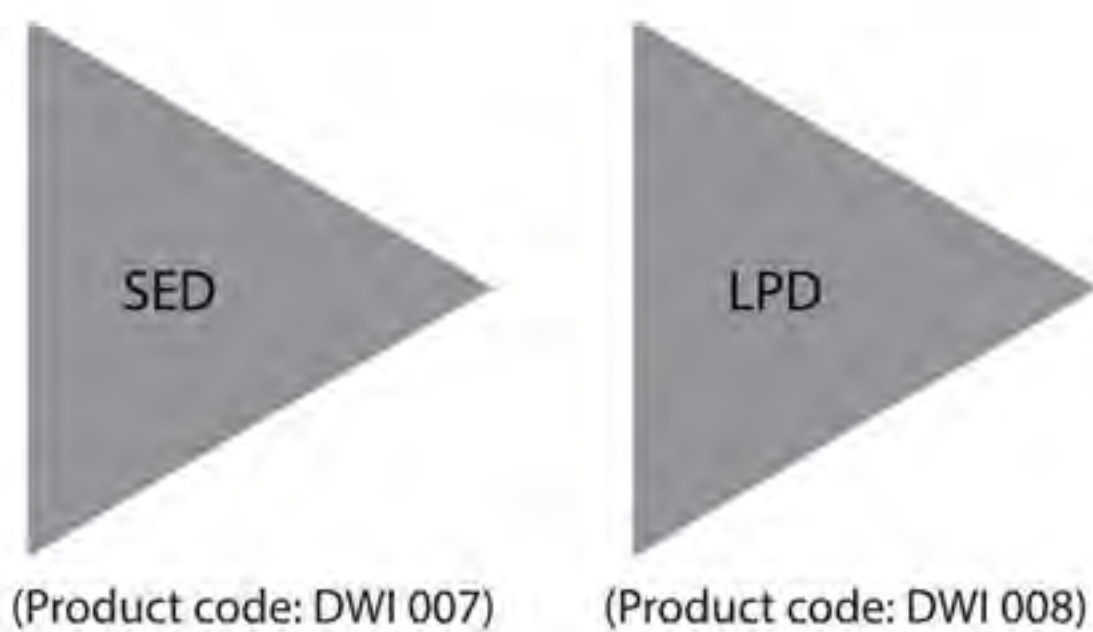
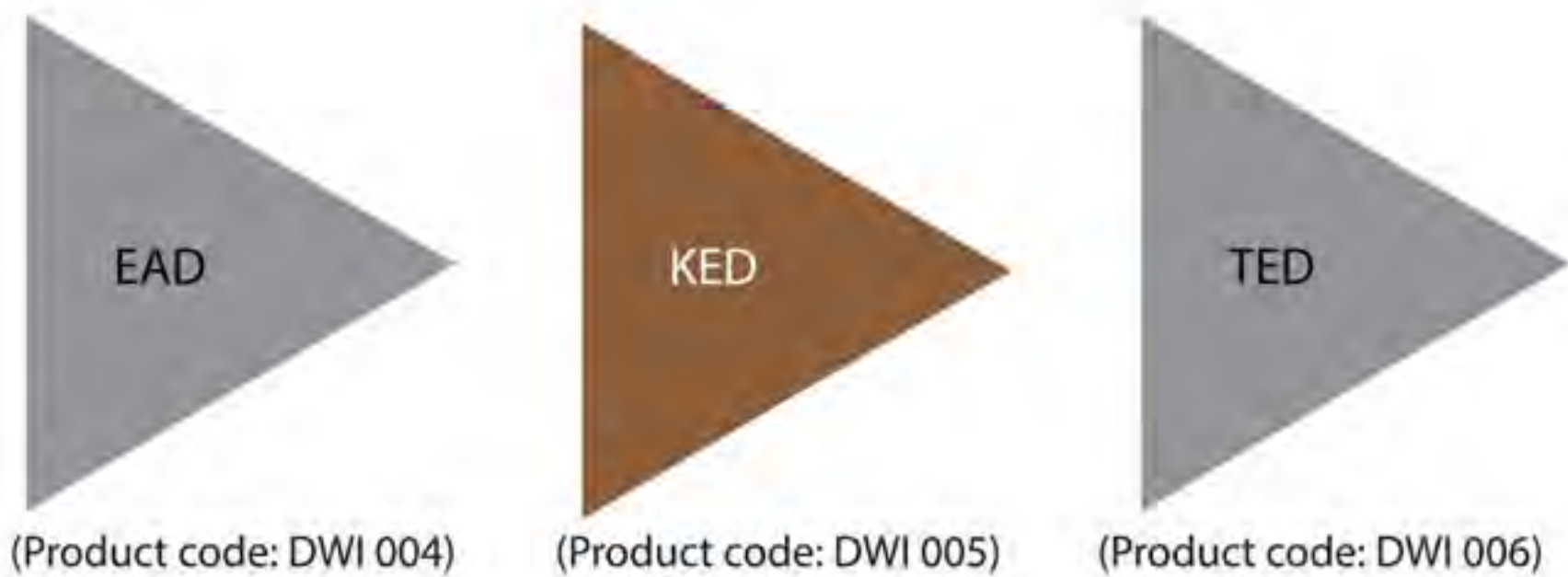
(BS 1710/BS 4800)-(DW 144)

Self-adhesive coloured PVC supplied in sheets of 5 on backing paper for easy application. Triangles measure 144mm height with a base length of 150mm and two side lengths of 164mm. Our ductwork triangles meet the requirements for the Identification of Ventilation Air Conditioning Systems as recommended by the Heating and Ventilation Contracts Association.

Ductwork identification triangles are used to identify gas/air type and flow direction within an air handling system such as air conditioning or ventilation. All our ductwork triangles conform to british standards and all regulating bodies, this includes colours and text. All our triangles are also available in either plain versions just indicating gas type through label colour or with text, helping to stop confusion.



Technical Specification: Self-adhesive coloured PVC supplied in sheets of 5 on backing paper for easy application. Triangles measure 144mm height with a base length of 150mm and two side lengths of 164mm. Our ductwork triangles meet the requirements for the Identification of Ventilation Air Conditioning Systems as recommended by the Heating and Ventilation Contractors Association.



Ductwork Identification (ANSI/ AME) -(DW 144)

UV printed vinyl labels used to identify sheet metal ducts and the direction of air flow. We are provided with an aggressive adhesive to ensure permanent adhesion to a variety of insulated and non - insulated surfaces. Each duct marker includes a directional arrow to be applied in any direction. Markers can be used both indoors and outdoors. Duct markers are available in 2 sizes and 3 colors. Durability: 4 to 7 years outdoors. Service Temp: -40 to 176° F (-40°C to 80°C). Minimum Application Temp: 50° F (10°C). Spec Compliance: ASME A13.1 Colors

MARKER SIZE, LETTER HEIGHT & MAX. CHARACTERS PER MARKER CHART:

DMS (2-1/4" x 16") For ducts up to 24" Legend Size: 1-1/2 " High Marker Size: 2-1/4" x 13-1/2" Arrow Size: 2-1/4" x 2-1/2"	DML (4" x 24") For ducts 24" and over Legend Size: 2-1/2 " High Marker Size: 4" x 20" Arrow Size: 4" x 4"
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Duct Size	Text Size	Marker Style	Maximum Characters
up to 24"	1-1/2"	DMS	22
24" & over	2-1/2"	DML	18

Application:

Install duct markers in clear view and try to align with axis of duct.
Install duct markers at a minimum distance of 20' and a maximum of 50' on exposed horizontal and vertical runs.

In each space where ductwork is exposed, or concealed only by removable ceiling
Near points where ductwork originates or continues in to concealed enclosures (shaft, underground, etc...)
Provide duct markers on each access door in ductwork and housings indicating purpose of access.
Where access doors are concealed above acoustical ceilings or similar concealment.



Self-adhesive identification labels
 Size 400 mm X 50 mm, 300 mm X 50 mm.
 Self-adhesive identification bands
 Size 50 mm X 50 m rolls.
 Custom sizes also available.

RETURN AIR

400 mm / 300 mm



(Product code: DWI 018)

EXHAUST AIR

400 mm / 300 mm



(Product code: DWI 019)

SUPPLY AIR

400 mm / 300 mm



(Product code: DWI 020)

FRESH AIR

400 mm / 300 mm



(Product code: DWI 021)

Identification Labels For Electrical Services- Conduits, Cable Trays, Trunking & Raceways

ACCESS CONTROL

(Product code: ES 001)

EMERGENCY LIGHTING

(Product code: ES 011)

LOW CURRENT

(Product code: ES 002)

POWER CABLE 380V

(Product code: ES 012)

ELECTRICAL POWER

(Product code: ES 003)

ELV CONTAINMENT

(Product code: ES 013)

LIGHTING&POWER

(Product code: ES 004)

CONTROL CABLES

(Product code: ES 014)

LIGHTING & POWER CIRCUITS-230V

(Product code: ES 005)

CCTV CABLES

(Product code: ES 015)

TELEPHONE & DATA CABLE

(Product code: ES 006)

POWER CABLES

(Product code: ES 016)

GSM CABLES

(Product code: ES 007)

230V POWER CIRCUITS

(Product code: ES 017)

STRUCTURED CABLING

(Product code: ES 008)

230V LIGHTING CIRCUITS

(Product code: ES 018)

UPS POWER CIRCUITS

(Product code: ES 009)

BMS CABLES

(Product code: ES 019)

FIRE ALARM CABLES

(Product code: ES 010)

Cable Identification Tags

Cable tags provide you with the ability to create clear, unambiguous cable identification tags for both indoor and outdoor applications. Cable ID tags can be attached to a wire, cable, or bundle using cable ties or lacing cord. With our variety of cable tags, you can identify data center wires, a/v cables, power and ground cables, cable harnesses and more. Our tag materials offer excellent tear, solvent and heat resistance and are available for printing on a variety of thermal transfer and dot matrix printers.

PVC Cable Tags

**3C x 50sqmm XLPE Cable
 FED FROM SMDB TO MAIN**

(Product code: ES 020)

Metal Cable Tags- Engraved & Embossed

Metal tags are known to provide longevity at economic rates. These metal labels are employed in an assortment of applications which are inclusive of aerospace, commercial, military and industrial sectors. These tags are serialized and ideal for identifications. We produce metal tags via several metals such as cold rolled steel, brass, aluminium, copper and zinc plated steels. Sizes are as per customers requirement with any different material.



(Product code: ES 021)



(Product code: ES 022)

Triala's custom marking service simplifies identification with high quality, made-to-order custom embossed marker plates and tags or laser etched cable ties, marker plates and tags.

Valve Tags

Valve tags help relay important pipe content information, valve identification or operation information at the point of need. Some stock valve tag options, like our brass valve tags and energy source tags, are available with preset legends. All of our tags are available for customization or as blanks so you may stamp or print your own tag text or legends. Aluminum Valve Tags, Brass Valve Tags, PVC Valve tags, Stainless Steel Valve Tags,



(Product code: ES 022)



(Product code: ES 023)

Infrastructure Signages

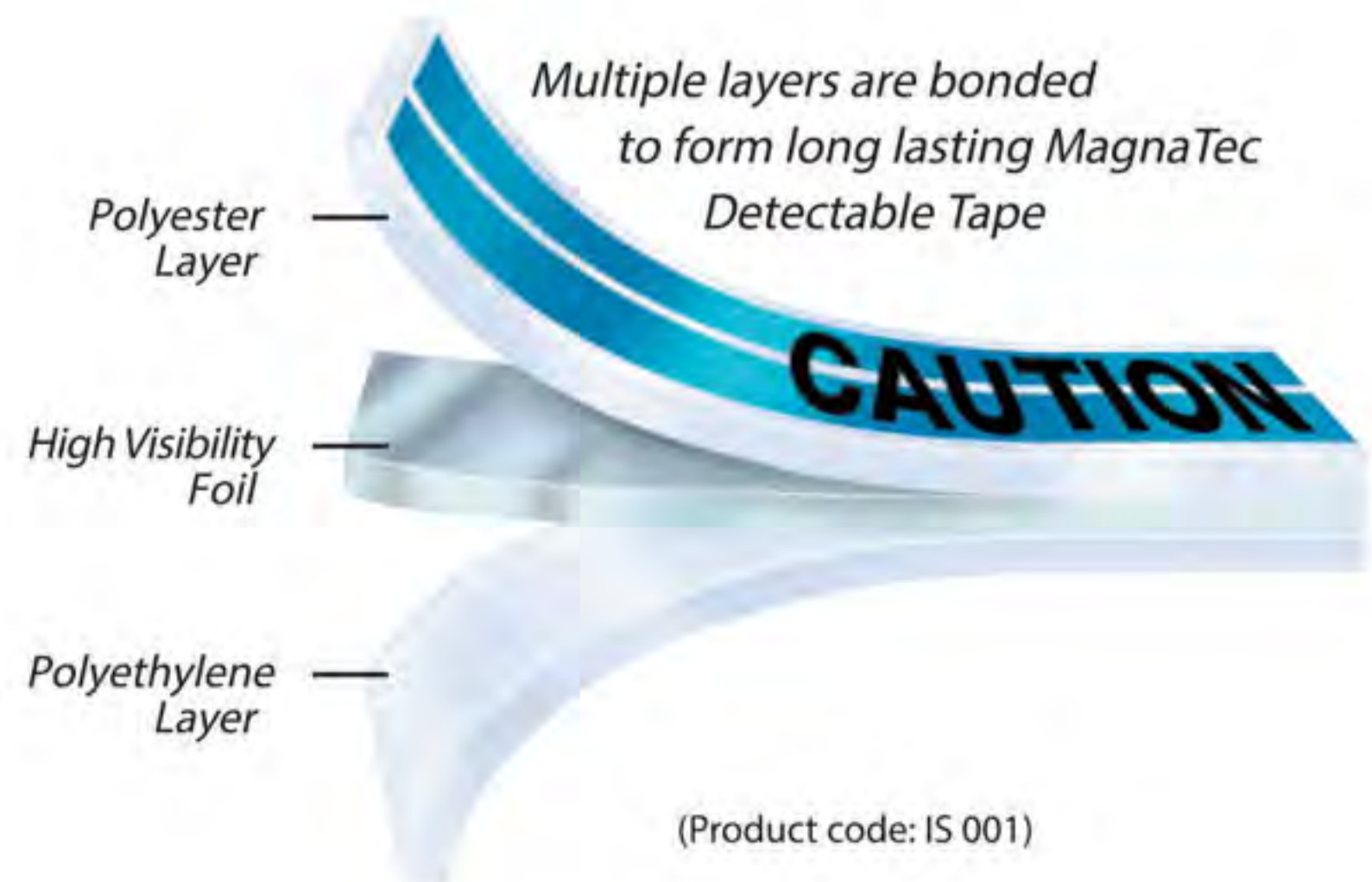
Detectable Warning Tape

Used for accurately locating and preventing damage to underground utility installations, this underground detectable warning tape features an aluminum backing that can be found using a non-ferrous locator.



- Aluminum foil is visible from both sides. Tape is locatable by conductive and inductive methods.
- Acid and alkali resistant nature prevents degradation.
- Tape identifies, locates and protects utility lines.
- Available in seven colors - blue, green, yellow, red, orange, tan and purple.

Utility Class	Size	APWA Color
Electric	2" x 1,000'	Red
Water	2" x 1,000'	Blue
Gas	2" x 1,000'	Yellow
Fiber Optic	2" x 1,000'	Orange



(Product code: IS 001)

Polyethylene Warning Tapes (Non-Detectable Type)

Non-Detectable Underground Warning Tape prevents damage to underground utility lines during excavation. Following code parameters, bury this tape above electrical lines, gas pipes, communication cables and other utility installations. Resistant to underground elements, this heavy metal-free, co-extruded polyethylene tape serves as a highly visible proximity device that will not turn black over time.



- Consists of an inert low-density mono-layer polyethylene plastic film formulated for extended use underground.
- Colorfast lead-free pigments prevent discoloration in soil and contain no heavy metals.
- Acid and alkali resistant nature prevents degradation. Environmentally safe ink ensures permanent message.
- Designed to identify and protect buried utility lines.
- Tape is supplied in accordance with the American Public Works Association (APWA) National Color Code.
- Available in five colors - blue, green, yellow, red, and orange.

Utility Class	Size	APWA Color
Electric*	3" x 1,000'	Red
Electric	6" x 1,000'	Red
Telephone	6" x 1,000'	Orange
Water	6" x 1,000'	Blue



(Product code: IS 002)

Cable Protection Tile (LDPE and HDPE)

Cable Protection tiles (PE) are exceptionally strong and durable which provides best protection to all underground services. Cable Protection tiles made of polyethylene are chemical resistant, rot resistant and lightweight. Polyethylene cable covers include a coloured printed warning tape. Polyethylene tiles are extremely hard and do not crack. These provide clear warning to third parties. Moreover, since these are rot proof, it is resistant to wide range of soil conditions. Damages to cables are less likely and so it reduces cable repair costs and supply disruption.

PE TILES FEATURES:

Heavy duty, yet lightweight, polyethylene cable covers incorporating a coloured printed warning tape

- Rot resistant, chemical resistant from PH-2.5 to PH-11
- High impact resistance
- Supplied with interlocking pegs for easy installation
- Excellent protection properties
- Visual Warning
- Low transportation and installation costs.
- Available up to 20mm thick
- Tensile Strength - 8 N/mm
- Elongation at break-200%
- High chemicals resistance.
- Light weight for very easy handling and installation. Clearly printed with identifications or warning, on bright red or yellow base coloration.
- Available either simple but secure hole/peg joining system. Giving a flexible but very strong joins.



Cable Protection Tile uPVC

Interlocking, rigid uPVC covers to resist the impact of shovels or picks and protect underlying cables and pipelines.

Rigid uPVC cable covers

uPVC rigid cable covers can be supplied with or without interlocking fasteners. Manufactured in any colour with a warning message to describe the buried service (printed in black).

- Permanent, non-fading and colour-resistant print
- High specific gravity to resist floating when the soil is saturated
- Lightweight for low transportation costs and ease of installation
- Other thicknesses and widths are available on request

Safety Signs

These signs are also known to many as ANSI signs and OSHA signs. There are many uses and applications for safety signs. The obvious and most common uses are Caution Signs and Danger Signs.

Signs that warn of high voltage, low overhead, vehicles nearby, heavy loads, no smoking, slippery surfaces, fire exits, and other industrial hazards are all available at a Trial sign center. The presence of medical waste, chemicals, flammable materials, radioactivity, corrosives, and many more are always noted through the use of safety signage.

Customers and businesses use our safety signs for constructions sites, warehouses, workshops, job sites, heavy equipment, hand tools, fire eradication tools, and fire escapes. Making a statement bold and easy to read protects the public from potentially hazardous situations. Our safety signs and compliance signs help make a workplace safe and secure. Spelling out the "dos" and "don'ts" at the playground, pool, or beach is another common use of our safety signs. In some instances, customers incorporate directional and wayfinding signs in their overall safety sign program.

Customers that use our safety signs include Oil & Gas sectors, schools, factories, warehouses, retail stores, recreation facilities, shopping malls, entertainment centers, stadiums and arenas, theaters, office buildings, restaurants, hotels and hospitality etc. Our safety signs and safety products are designed for use indoor and outdoor, day and night.

Safety signs in the workplace are an indispensable way of protecting employees from accidents. Their purpose is to convey information in a comprehensive way about objects and situations that can be dangerous. In case of a fire, for instance, well placed signs can speed up the evacuation of a building and help those giving first aid.

Common dangerous situations are:

- Exposure to harmful substances, gases or vapours. Machines being repaired or being in maintenance.
- Marked-out danger zones.
- Danger of falling objects.
- Trip hazards and slippery floors.
- Fast evacuation of contaminated places, etc...

The following methods can be used to reduce the risks of these dangerous situations:






- Safety signs that use symbols or text together with a recognised safety colour.
- Labels that identify products, leads, pipes etc.
- Safety lock systems for valves, installations etc.
- Posts, chains and tapes that can be positioned to indicate dangerous zones.

The psychology of colours

Colours play an important role when it comes to safety signs: they convey a message - and each safety colour has a specific meaning.

The colour of the sign specifies its nature: red signs are prohibitive; blue signs are mandatory; yellow signs are warnings; and green is used for safe condition and first aid signs.

Similar rules apply to the different shapes: prohibitive and obligatory signs are circular: warning signs are triangular; and oblong signs offer help and directions. All signs meet these requirements concerning colour and shape.

Shape			
Colour			
	Prohibition	Caution Danger	Fire fighting Equipment
			Safe condition First Aid
			Obligation
			Indication Information

WARNING SIGNS

لافتات التحذير

Warning signs are yellow and black. The upper outlined triangle contains a black symbol on a yellow base. Use warning signs to advise of a hazard or danger.

تكن علامات التحذير باللونين الأصفر و الأسود . يتضمن المثلث الخارجى الأسود رمزا اسود على قاعدة صفراء . استخدم علامات التحذير للتنبيه عن الطوارئ أو المخاطر .

 <p>انتبه خطر DANGER</p>	 <p>انتبه خطر الحريق DANGER Fire risk</p>	 <p>خطر غاز البترول السائل السريع الالتهاب DANGER Highly flammable LPG</p>	 <p>خطر مواد سريعة الالتهاب DANGER Highly flammable material</p>	 <p>انتبه اخطار علوية DANGER Overhead hazard</p>	 <p>انتبه خطر حمل معلق DANGER Suspended load</p>
 <p>خطر توجد كابلات عالية الطغية تحت الارض DANGER High voltage cables underground</p>	 <p>انتبه خطر هذه الالة غير مؤمنة قد تسبب حادث خطيرا ان تزلت هذه الرقعة DANGER The equipment is not certified if you remove this label you may cause an accident</p>	 <p>انتبه خطر الصدمة الكهربائية DANGER Electric shock risk</p>	 <p>خطر فعلية عالية DANGER High voltage</p>	 <p>انتبه خطر أسلاك مكهربة DANGER Live wires</p>	 <p>خطر خطر كهربائي Danger Electrical hazard</p>
 <p>خطر مادة كاوية DANGER Caustic</p>	 <p>خطر أسيد الكبريتيك DANGER Sulphuric acid</p>	 <p>خطر أسيد DANGER Acid</p>	 <p>خطر حامض النيتريك DANGER Nitric Acid</p>	 <p>انتبه خطر التسمم DANGER Toxic hazard</p>	 <p>مواد كيميائية خطرة Dangerous chemicals</p>
 <p>انتبه خطر العمدات قيد لمعالجة DANGER Men working on equipment</p>	 <p>خطر آليات متحركة DANGER Moving machinery</p>	 <p>انتبه خطر سقف هش ضعيف DANGER Fragile roof</p>	 <p>انتبه خطر سقالات غير مكتملة DANGER Scaffolding incomplete</p>	 <p>خطر هواء مضغوط DANGER Compressed air</p>	 <p>خطر توجد كلاب حراسة DANGER Guard dogs</p>
 <p>خطر عمال يشتغلون Danger Men working below</p>	 <p>انتبه خطر رافعة شوكية DANGER Fork lift trucks</p>	 <p>تحذير أرضية منزلقة Caution Slippery floor surface</p>	 <p>تحذير كاميرات دوائر استطلاع مغلقة عاملة Caution Closed circuit surveillance cameras in operation</p>	 <p>تحذير أعمال صيانة CAUTION Maintenance in progress</p>	 <p>خطر أجسام متساقطة DANGER Falling objects</p>
					

SAFE CONDITION SIGNS لافتات حالة آمنة

These white on green signs are associated with 'Green for Go'
They are used to show the way to safety in time of emergency.

ان هذه العلامات المبينة باللون الابيض على قاعدة خضراء تشير الى الاخضر بمعنى استمر في السير، يجري استخدامها للدلالة على الطريق الى الامان في حالات الطوارئ.



HEALTH CARE SIGNS علامات الرعاية الصحية



FIRE EQUIPMENT SIGNS لافتات معدات مكافحة الحرائق

White on red signs are used to locate and identify equipment used in fire fighting.

تستخدم علامات ابيض على احمر لتحديد موقع وتعريف المعدات المستعملة في مكافحة الحريق.



اعرف الرمز اللوني لمطفئة الحريق لديك

KNOW YOUR FIRE EXTINGUISHER COLOUR CODE



Fire action

Any person discovering a fire

1. Sound the Alarm.
2. Telephone 997 to call the fire Brigade.
3. Attack the fire if possible using the appliances provided.

On hearing the fire alarm

4. Leave building by Exit Route.
5. Close all doors behind you.
6. Report to assembly point.

Contact No. _____

Do not take risks
Do not return to the building for any reason until authorized to do so.

Do not use lifts.

عند حدوث حريق

على الشخص الذي يكتشف الحريق

1. أن يصرخ الحريق.
2. اتصل بـ 997 لإرسال brigade الحريق.
3. اطفئ الحريق إذا كان ممكناً مستخدماً أجهزة الأطفاء المتوفرة.

عند سماع انذار الحريق

4. الخروج من المبنى من طريق المخرج المصمم.
5. أغلق كافة الأبواب من خلفك.
6. أبلغ مكان التجمع.

رقم الاتصال: _____

لا تقبل مخاطر
لا ترجع للمبنى لأي سبب حتى يصرح لك بذلك.

لا تستخدم المصاعد.

Fire action أعمال حريق

تشغيل صوت الإنذار
Sound the alarm

اتصل بـ 997 لإرسال brigade الحريق
Call the Fire brigade by telephoning 997

غادر المبنى من طريق أقرب مخرج متوفر
Leave building by nearest available exit

التوجه إلى نقطة التجمع
Report to assembly point

لا تقبل مخاطر
Do not return to the building until authorized to do so

لا تستخدم المصاعد
Do not use lifts

PROHIBITION SIGNS

لافتات الخطر

Prohibition signs are red, meaning stop - an action is forbidden. Any symbol inserted inside the circle is in black and the text shown as white letters on a red base.

ان علامات الخطر حمراء، وهي تعنى (توقف) - ممنوع القيام بحركة ما وى رمز يوضع داخل الدائرة يكون باللون الاسود والكلام بحروف بيضاء على قلعة حمراء.

 ممنوع التدخين No smoking	 شكرا لعدم التدخين Thank you for not smoking	 ممنوع التدخين بعد هذا الحد No smoking beyond this point	 ممنوع استعمال ضوء مكشوف ممنوع التدخين No smoking No naked light	 ممنوع استعمال ضوء مكشوف No naked light	
 ممنوع الدخول No admittance	 ممنوع الدخول بدون إذن No admittance without a permit	 لا يوجد مدخل No entry	 لا يوجد مخرج No exit	 ممنوع دخول السيارات بدون إذن No unauthorised vehicles beyond this point	 ممنوع وقوف السيارات No parking
 لا تستعمل الماء لاطفاء الحريق Do not extinguish with water	 لا تزلق أو تنظف الآلة وهي دائرة Do not oil or clean machine whilst in motion	 لا يسمح لغير المأذون لهم باستعمال هذه الآلة Unauthorised persons not to use this machine	 الرجاء عدم البصق Please do not spit	 لا تستعمل هذا المصعد في حالة الحريق In the event of fire do not use this lift	 لا يسمح بشاحنات برافعات شوكية No fork lift trucks
 عاطله عن العمل لا تشغيلها ولا تلمسها Out of order Do not start or touch	 تحت الاختبار لا تلمس Under test Do not touch	 لا تشغيل الماكينة يعمل فيها رجال Do not start Men working on machine	 يمنع الشرب منعا باتا Do not drink	 الاسطوانات غير مكتملة ممنوع استعمالها Scaffolding incomplete Do not use	 أغلق جهاز الهاتف المتحرك Switch off mobile phones
 وقود البنزين قابل للاشتعال بدرجة كبيرة ممنوع التدخين أوقف تشغيل المحرك Petroleum spirit Highly flammable No Smoking Switch of Engine	 ممنوع التدخين No smoking	 ممنوع تناول الشراب No drinking	 ممنوع تناول الطعام No eating	 ممنوع التدخين No Smoking	 شكرا لعدم التدخين Thank you for not smoking

MANDATORY SIGNS

لافتات الالزام

Mandatory signs are blue and white, and must be obeyed. The white symbol is located inside a solid blue circle. These signs are often associated with instruction regarding personal protection.

تكون العلامات الالزامية باللونين الازرق والابيض . ويجب الانصياع لها. يوجد الرمز الابيض داخل دائرة زرقاء بالكامل. ان هذه العلامات توجه التعليمات بشأن الوقاية الشخصية

 إلبس خوذة Wear helmet	 إلبس كمامة Wear respirator	 إلبس القناع Wear masks	 إلبس نظارات الوقاية Wear goggles	 يجب ارتداء نظارات واقية Eye Protection must be worn	 إلبس حجاب الوجه الواقية Wear face shield
 إلبس الاحذية Wear boots	 إلبس قفازات Wear gloves	 يجب ارتداء الملابس الواقية Wear protective clothing	 يجب ارتداء الحذاء الواقية Protective footwear must be worn	 إلبس واقية الاذنين Wear ear protectors	 استعمال وقاء الآلة Use guards
 والآن لطفا اغسل يديك Now wash your hands please	 كدس على نحو صحيح Stack correctly	 يجب ترك المكان بدون عوائق Keep clear	 لا تدخل Keep out	 يجب إبقاء المسر حاليا من الممرات Gangway to be kept clear	 احتفظ بهذا المحل في حالة مرتبة Keep these premises tidy
 أغلق جهاز الكمبيوتر قبل مغادرة العمل Switch off your computer terminal before leaving work	 أغلق الجهاز في حال عدم الاستخدام Switch off when not in use	 يجب ارتداء احزمة الامان Wear safety harness (belt)	 يرجى ترك المراحيض نظيفة للمستخدم التالي Please leave this lavatory clean for the next user	 الماء ثمين. ليس يرجى عدم اسبوه Water is Precious Please Don't Waste It	 وفر الكهرباء. يرجى انغلق المصباح الكهربائي عند عدم استخدامه Save Electricity Please switch off light AC'S when not in use
 على كافة الزوار مراجعة مكتب الامن All visitors must report to security	 يجب ارتداء الملابس الواقية في هذا المكان Protective clothing must be worn in this area	 السلامة في المصعد Escalator safety Stand facing direction of travel keep feet away from slope hold the handrail قف مواجهة اتجاه السير اجلب قدميك بعيدا عن المنحدر امسك باليد Small children must be held firmly. Parents and pushchairs must be carried يجب حمل الاطفال بشدة - يجب حمل عربات الاطفال والدراجات يجب حمل الكلاب Dogs must be carried			

 باب صاعد للحريق فلا تبقه مفتوحا Fire door keep shut	 يجب ان يفتح الباب عند انشغال المبنى This door to be unlocked when premises are occupied						
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Lockout Tags

Lockout Tags keep workers from mistakenly turning on equipment. They come in heavy duty, lock-on, padlock and bilingual styles. Self-Laminating Lockout Tags are also available to keep Tags free from dirt and grime and easily readable.



Inspection Tags

Most Inspection Tags are made from heavy duty card stock. Some offer a bottom tear away option, which shows when an inspection has occurred. Seton's Inspection Tags are perfect for use on equipment that needs to be maintained and serviced.



Scaffolding Tags

Our scaffold tags comply with OSHA's regulations and will help warn employees when scaffolding is not safe. It will indicate if scaffolding is being taken down or has been found defective. The tags are available in three durable write-on materials, providing highly visual and eye-catching information. Scaffold tag kits combine scaffold tag holders and tags.



Inventory and Equipment Tags

Equipment and product mix-ups cause business disruptions that may result in failure to meet client or production deadlines. But mishandling of these items can blow up to either major product recall or accidents. All these are avoidable with simple yet effective solutions: inventory tags and equipment tags.





KEEP IN TOUCH



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