SILVERLINE
Signs Signs LLC.

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Jurf, Ajman, UAE

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01 LABELS MECHANICAL

02 LABELS ELECTRICAL

03 LABELS FIRE FIGHTING

04 LABELS ENGRAVED LABELS

05 WARNING TAPES

06 GENERAL SIGNS

07 TRAFFIC SIGNS

08 SAFETY SIGNS

09 INDOOR & OUTDOOR SIGNAGES

10 DIGITAL, UV & OFFSET PRINTING

DUBAI PROPERTIES

EMAAR

Al-Futtaim

Al Naboodah

DAMAC LIVE THE LUXURY

Bilt

IEC

JLW SINCE 1875

Shapoorji Pallonji

KHANSAHEB

ASGC

BICC BIC CONTRACTING LLC

MBM Gulf Electromechanical L.L.C.

ACC ARABIAN CONSTRUCTION CO.

GBH INTERNATIONAL CONTRACTING LLC

ALEC Building Excellence

FujEng FujEng Construction L.L.C.

ADG

PIVOT ENGINEERING & GENERAL CONTRACTING

TRINITY MEP ENGINEERING

AL HAMAD

TROJAN GENERAL CONTRACTING

AG ENGINEERING

SILVERLINE
Signs Signs LLC.

About Us

We are pleased to introduce our company, which is specialized in the field of Electrical Equipment and Skilled Professional works.

SILVER LINE is 17 Years old company which, within their short span of existence, have established their presence in UAE as a company of repute. We are a talented and creative individuals who produce marketing methods generating brand awareness through innovation, passion and strategic thinking.

We are Specialised in

Engraving & Etching
MEP Labels & Tags
Safety, Route Markers & Identification Stickers
Digital, UV, Offset & Sreen Printing
Traffic Signs
Safety Signs
General Signs
Switch & Phase Plate cutting, Making Phase Barrier

The company as invested heavily in to equipment for Engraving, Etching, and Phase Plate cutting jobs, whatever may the surface be it Steel, Brass, Traffoliate, PVC. Our company has the solution with high degree of accuracy.

SILVER LINE Employs a group of highly trained professionals and dedicated employees. The prices and services of Silver Line are indeed very competitive and can be tailor made to suite your budgets. We are well equipped and experienced enough to offer you a comprehensive range of support service and provide you with full assistance in your successful project implementations.

SILVER LINE pipeline identification system is made from self-adhesive PVC sheets with ultra violet proof quality for quick and easy solution. This comes in rectangular shape in different sizes proportionate to the size of the pipe with the short forms of the services printed on it. This makes this system easily identifiable to an ordinary technician who may not be aware of the color codes. For much clearer visibility we provide labels in 25meter rolls also.

We hope you will find our system to your entire convenience and will start using the same in your projects from now onwards.

Thanking You

MEP Signage & Labels

Importance of pipe identification:

Having a successful pipe identification program helpsboth employees and external contractors quickly andeffortlessly distinguish between pipes during maintenance.Pipe markers also enhance and facilitate traceability forrepairs, saving you time and money. In emergency situations,pipe markers aid emergency responders in the quick identification of pipes' contents, and can make a difference between life and death.

Pipe Marking Benefits:

Industrial pipe marking is an economical solution to any facility's complex pipe infrastructure. Properly marked pipes provide essential information where it is needed most, improving safety and increasing efficiency.Pipe marking is critical for worker safety, because insufficient system knowledge can lead to injury and death.

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 service, outsidemaintenance contractores as well as new employees and temporary staff. it will also make maintenance work easier and prevent timeconsuming searches. If an accident does occur, correct identification can help save valuable time - even lives

We are following two standards :

- American Standard - ANSI/ASMI
- British Standard - BS 1710

What is American Standard - 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 direction 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 (below) and installation guid for details (below)

Secondary Identification:

The secondary means of identifiaction is the color code of the marker.That portion of the standard has changed dramatically. In addition, the terminology of inherently hazardous. The combination of Yellow / Black is now assingned with flammable fluids, and Green / White shall now idenify poirtable, cooling, boiler feed and other waters. These two changes mean thet legends such as ot water, cold water and steam will now all use the color of Green / White

.

The other significat colour changes included the addition of Brown / White for combustible fluids and Orange / Black for toxic or corrosive fluids. The fact thet 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 color. Further, if the pipe content contains multiple hazasds (flammable and toxic) it must be determined which poses the grater risk and marked accordingly. For example, if chilled or heating systems contain toxic treatments the color combination should be Orange / Black. The new 2007 standard also identifites for the first time four additional identifies all of the exact background colours to be used. the exact colours are safety colours contained in the ANSI Z535.1 - 2007 standrd.

Colour Code & Comparison ANSI / ASME A13.1

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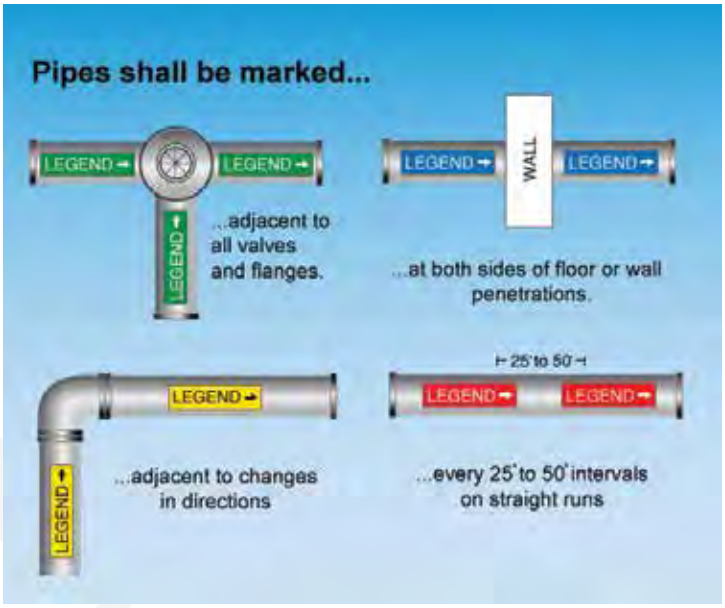
Installation Guide

According to the standard, pipe markers should be positioned 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 they're hazardous or safe.



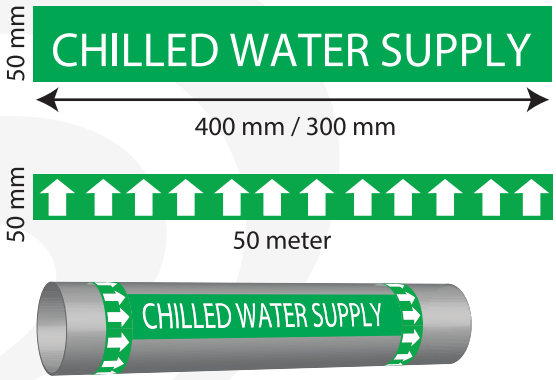
ANSI/ASME Size Recommendations.

The A13.1-2015 standard also makes recommendations as to the size of letter height and length of color field for various pipe diameters. These recommendations are shown in the table below. Seton markers, when 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)

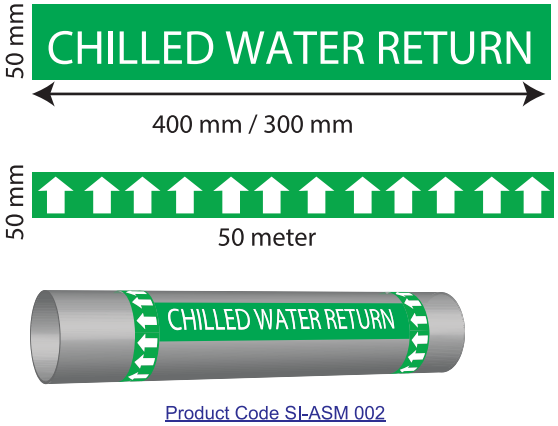
NOTE: For pipes less than 3/4" in diameter, a permanently legible tag is recommended.

1. CHILLED WATER SUPPLY



Product Code SI-ASM 001

2. CHILLED WATER RETURN



Product Code SI-ASM 002

Self Adhesive Pipeline Identification (ASME / ANSI A 13.11996)

Self Adhesives Identification Labels:

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

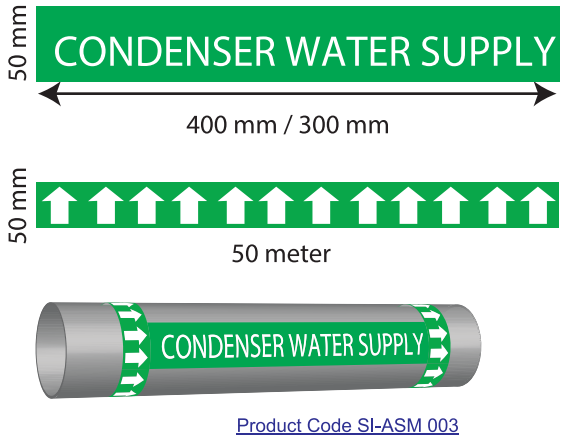
Self Adhesives Identification bands :

Flow Directional Arrow Tape

Size: 50 mm x 50m rolls

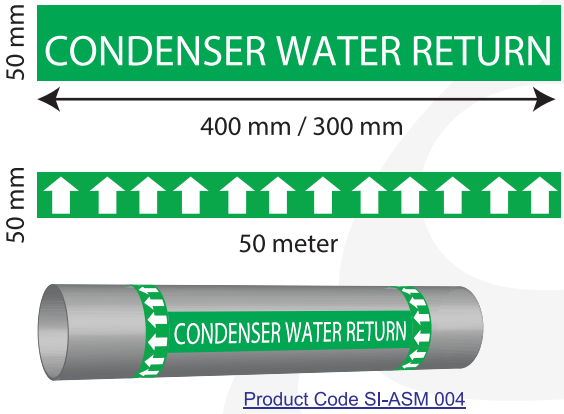
** Custom size also available

3. CONDENSER WATER SUPPLY



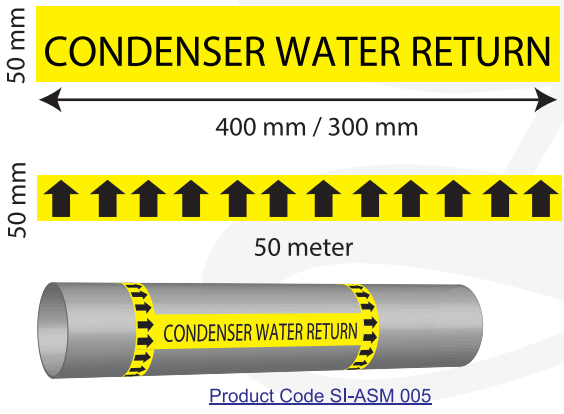
Product Code SI-ASM 003

4. CONDENSER WATER RETURN



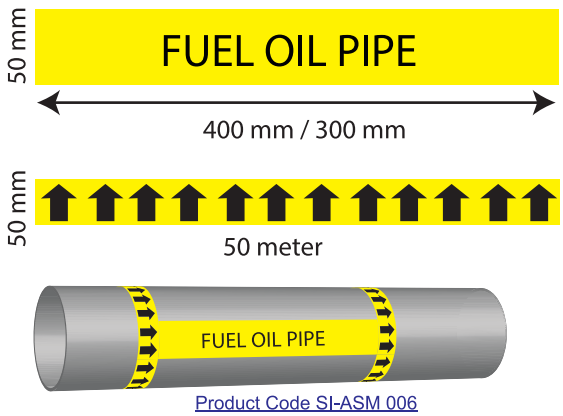
Product Code SI-ASM 004

5. CONDENSER WATER RETURN



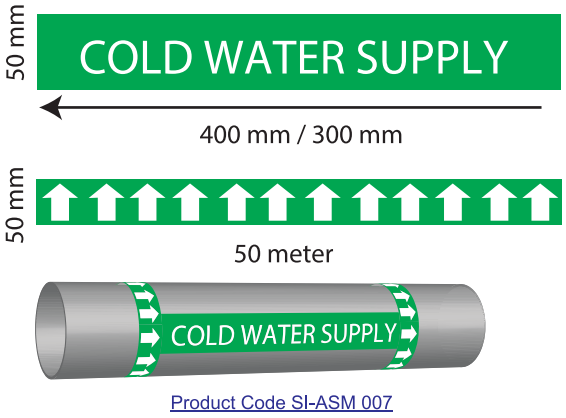
Product Code SI-ASM 005

6. FUEL OIL PIPE



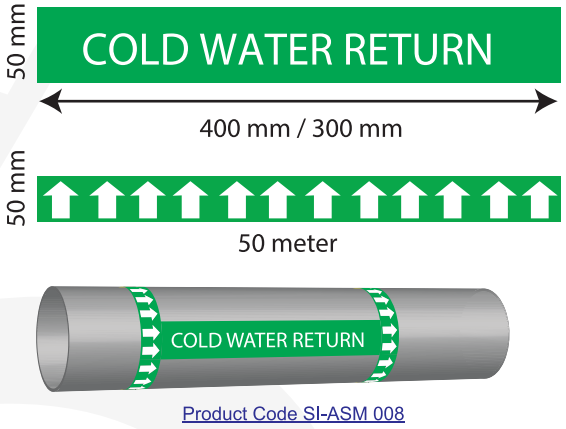
Product Code SI-ASM 006

7. COLD WATER SUPPLY



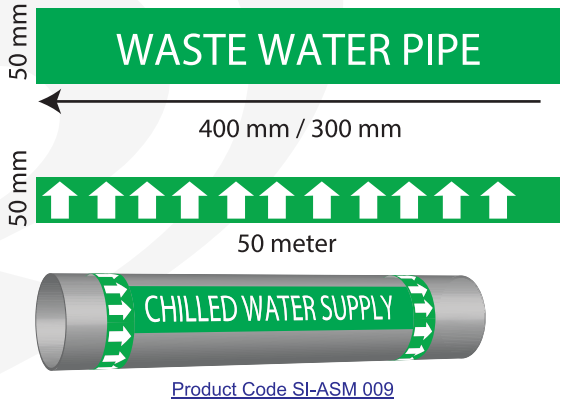
Product Code SI-ASM 007

8. COLD WATER RETURN



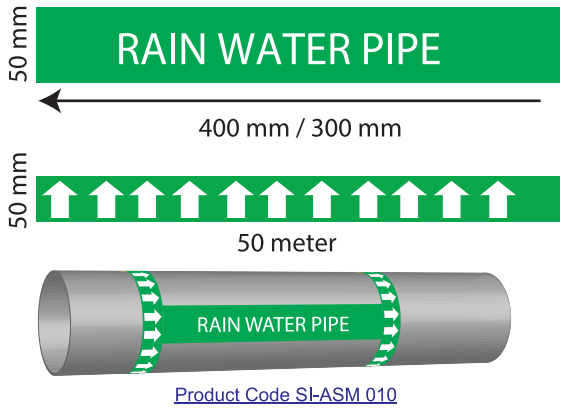
Product Code SI-ASM 008

9. WASTE WATER PIPE



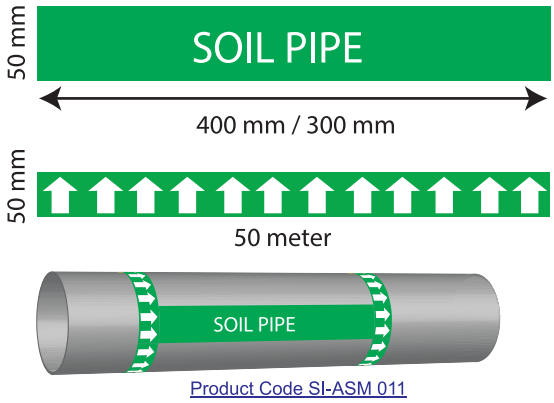
Product Code SI-ASM 009

10. RAIN WATER PIPE



Product Code SI-ASM 010

11. SOIL PIPE

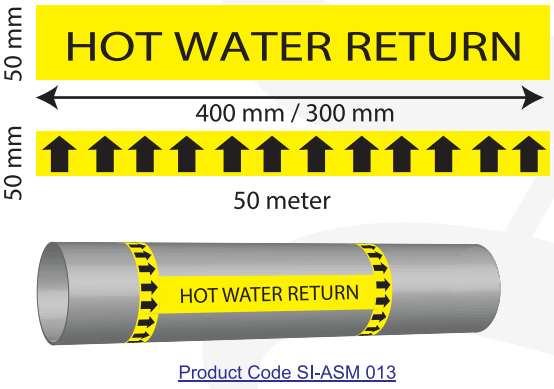


Product Code SI-ASM 011

12. HOT WATER SUPPLY

Product Code SI-ASM 012

13. HOT WATER RETURN



Product Code SI-ASM 013

What is British Standard: BS 1710: BS 4800

British Standard 1710 (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.

British Standard 1710 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.

British Standard 1710 Pipe Marker Colours & Safety 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. BS 1710 specifies specific colours, identified by their BS Colour Reference number, that must be used.

The British Standard 1710 Safety Colours are used in addition to the Basic Identification Colours. The basic color, indicating the pipe contents, is shown on either side the the safety colour. For example, fire fighting water would have a band of green (water), a band of red (fire fighting), and then another band of green. Fire fighting steam would be silver-grey, red, silver-grey.

BS 1710 Basic Identification Colours and Colour Code Indication

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 W ater Supply	Green	White / Crimson / White
Hydraulic Power	Green	Salmon Pink
Sea, River , Untreated	Green	Green
Fire Extinguishing	Green	Red

Olis

Diesel Fuel	Brown	White
Furnace Fuel		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
Vacuum	Light Blue	White
Steam		Silver Grey
Drainage		Black
Electrical Conduits and Vent Ducts		Orange
Acid and Alkalis		Violet

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.

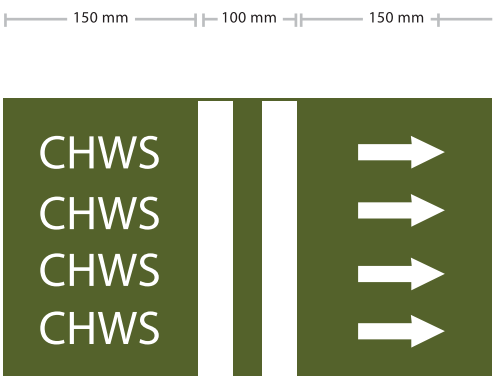
Indicating the Direction Of Flow

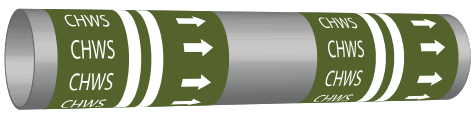
The direction of the fluid flow in a pipe is to be indicated by an arrow located near the basic Identification Color. The arrow may be either white or black, whichever provides the best contrast. If a label with the Identification Colour is being used, the direction of flow is indicated by the pointed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

Primary Scheme of Identification (BS 1710

Adhesive & Non-Adhesive Pipeline Identification Bands:
Size: 400 mm x 25/50 m rolls.
Note: Wrapped on pipes attached with double sided tape available separately for none-adhesive band.

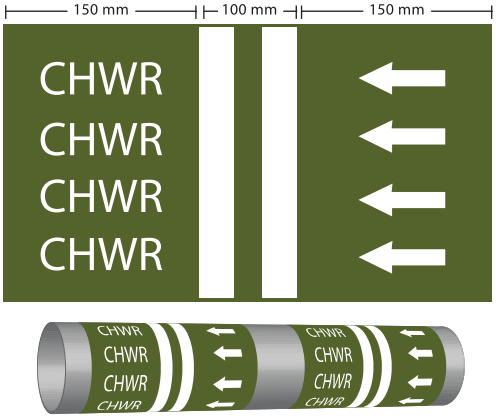
1. CHILLED WATER SUPPLY (CHWS)





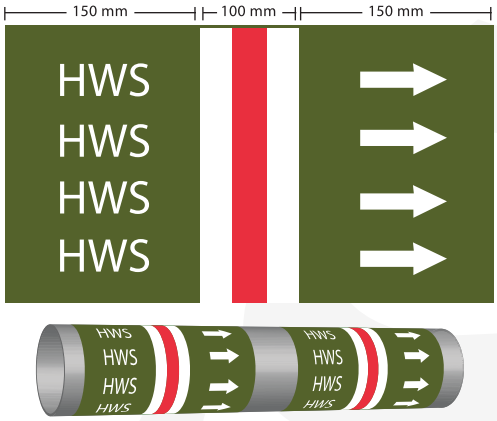
Product Code SI-BS 001

2. CHILLER WATER RETURN (CHWR)



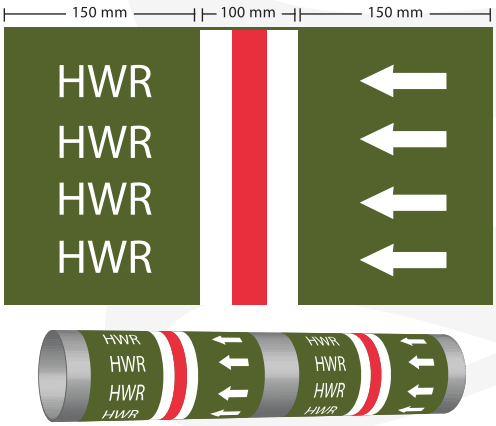
Product Code SI-BS 002

3. HOT WATER SUPPLY (HWS)



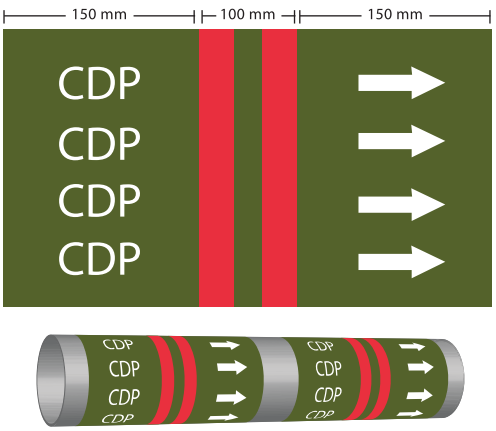
Product Code SI-BS 003

4. HOT WATER RETURN (HWR)



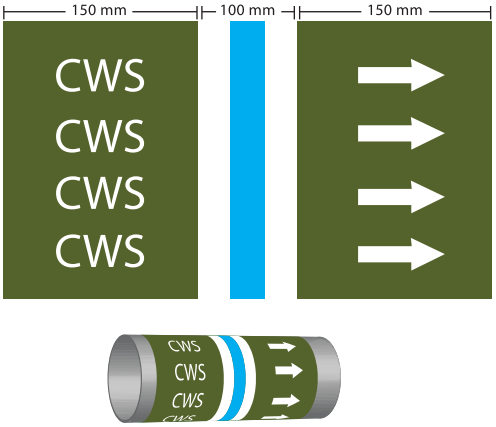
Product Code SI-BS 004

5. CONDENSATE DRAIN WATER PIPE (CDP)



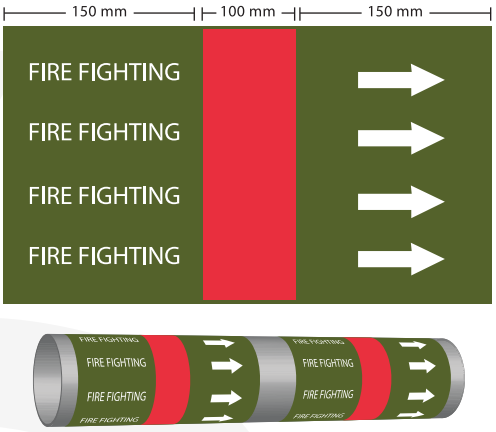
Product Code SI-BS 005

6. COLD WATER SUPPLY (CWS)



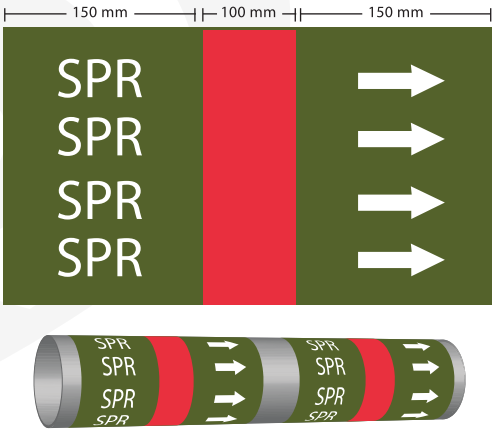
Product Code SI-BS 006

7. FIRE FIGHTING (FF)



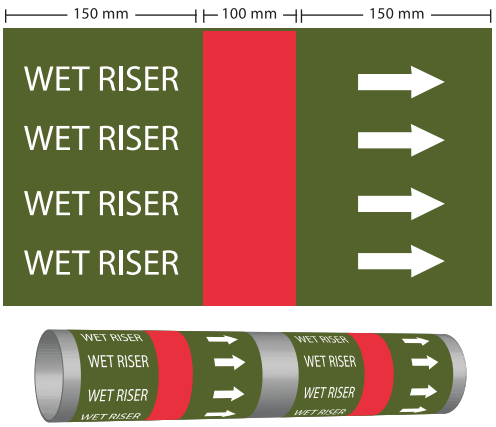
Product Code SI-BS 007

8. SPRINKLER PIPE (SPR)



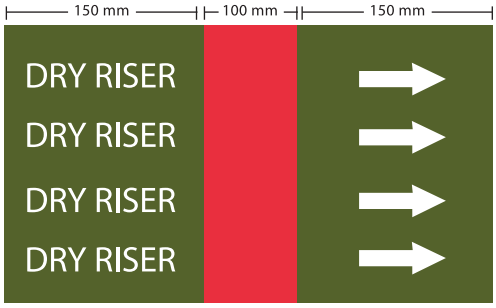
Product Code SI-BS 008

9. WET RISER PIPE (WR/WRP)



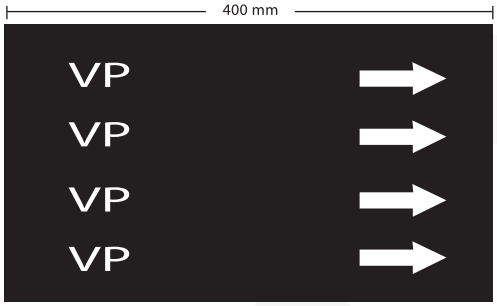
Product Code SI-BS 009

10. DRY RISER PIPE (DR/DRP)



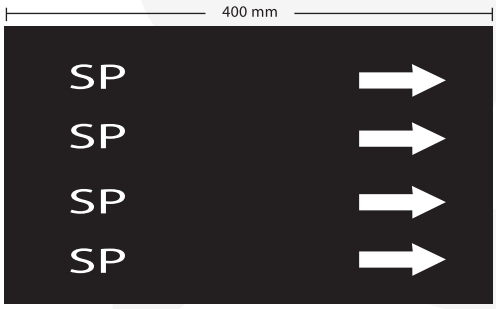
Product Code SI-BS 010

11. VENT PIPE (VP)



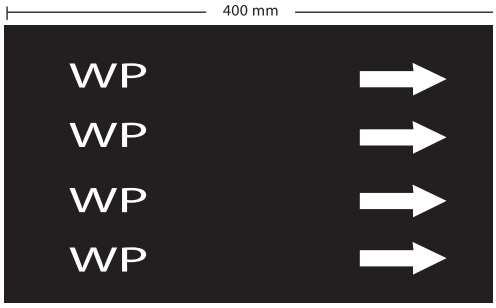
Product Code SI-BS 011

12. SOIL PIPE (SP)



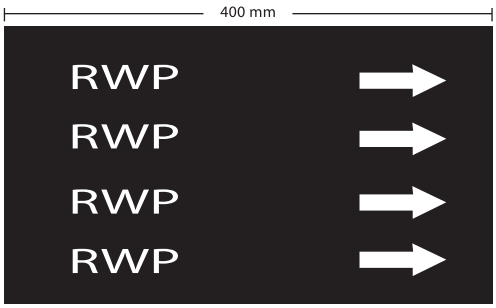
Product Code SI-BS 012

13. WASTE PIPE (WP)



Product Code SI-BS 013

14. RAIN WATER PIPE (RWP)

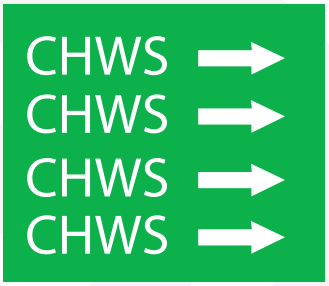


Product Code SI-BS 010

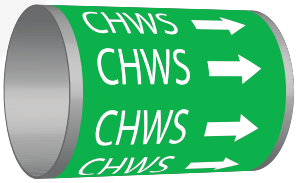
Secondary Scheme of Identification (BS 1710)

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

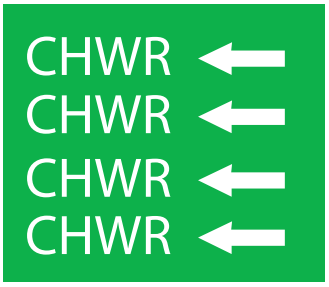
1. CHILLED WATER SUPPLY (CHWS)

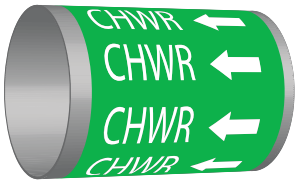


Product Code SI-BS S-001



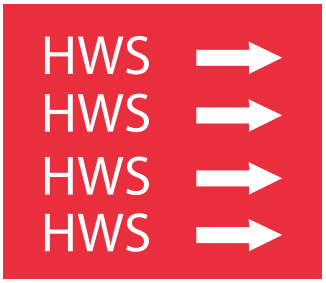
2. CHILLED WATER RETURN (CHWR)

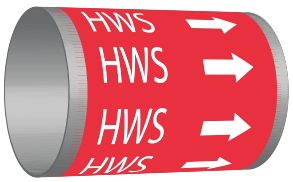




Product Code SI-BS S-002

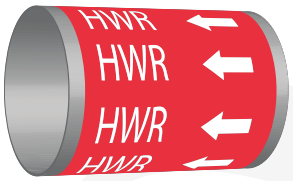
3. HOT WATER SUPPLY (HWS)





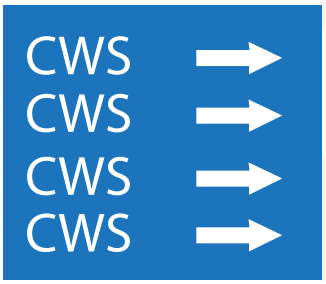
Product Code SI-BS S-003

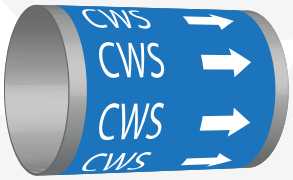
4. HOT WATER RETURN (HWR)



Product Code SI-BS S-004

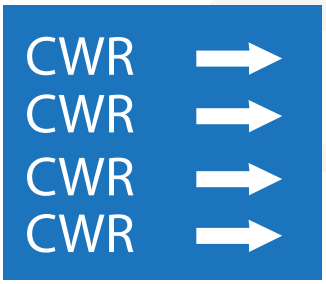
5. COLD WATER SUPPLY - (CWS)

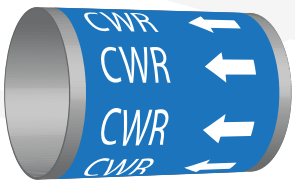




Product Code SI-BS S-005

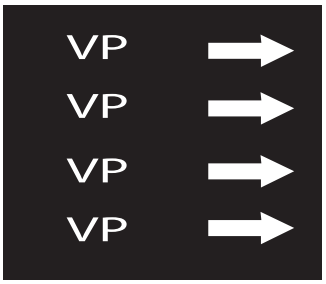
6. COLD WATER RETURN - (CWR)

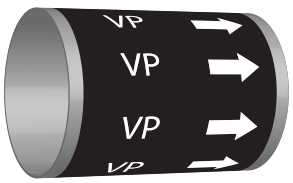




Product Code SI-BS S-006

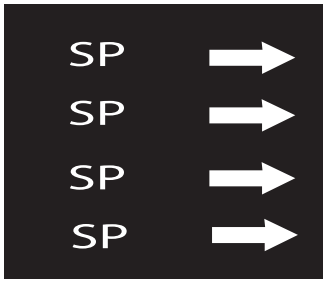
7. VENT PIPE (VP)

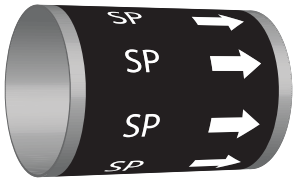




Product Code SI-BS S-007

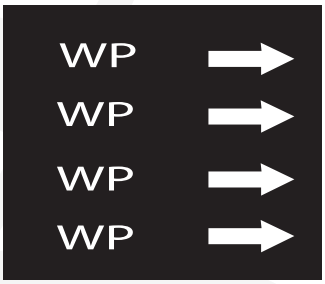
8. SOIL PIPE (SP)

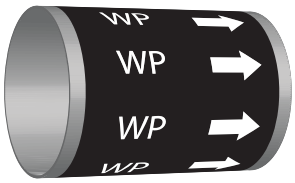




Product Code SI-BS S-008

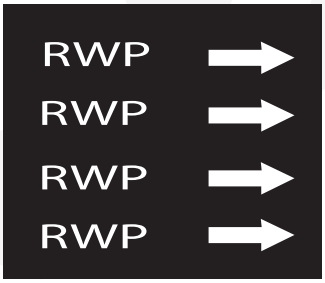
9. WASTE PIPE (WP)

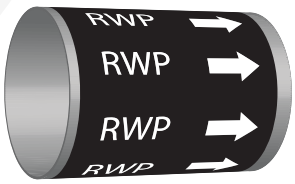




Product Code SI-BS S-009

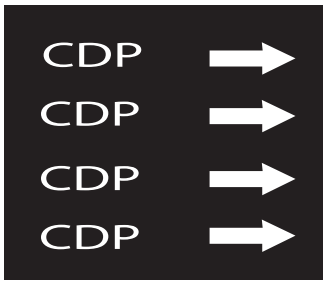
10. RAIN WATER PIPE (RWP)

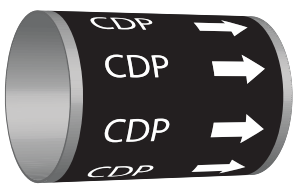




Product Code SI-BS S-010

11. CONDENSATE DRAIN WATER PIPE (CDP)





Product Code SI-BS S-011

Identification Sticker's for Fire Fighting Service

Avilable Size:
400 mm X 50 mm, 300 mm X 50 mm, 200 mm X 25 mm
** Custom size also available

FIRE FIGHTING
Product Code SI-BS S-016

WET RISER
Product Code SI-BS S-017

FIRE HOSE REEL
Product Code SI-BS S-018

DRY RISER
Product Code SI-BS S-019

FIRE EXTINGUISHER
Product Code SI-BS S-020

SPRINKLER PIPE
Product Code SI-BS S-021

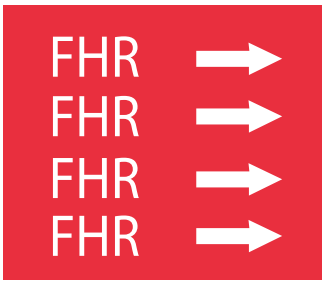
FIRE WATER LINE
Product Code SI-BS S-022

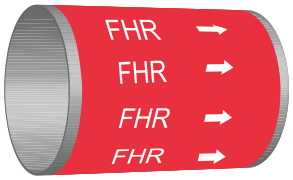
صمام التحكم بالمرشات
ZONE CONTROL VALVE
Product Code SI-BS S-023

صمام التحكم بالانذار
ALARM CHECK VALVE
Product Code SI-BS S-024

Product Code SI-BS S-025

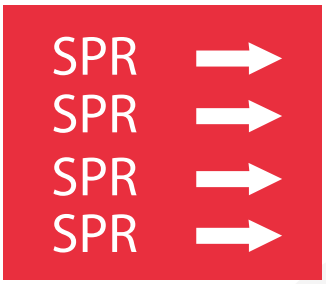
1. FIRE HOSE REEL (FHR)

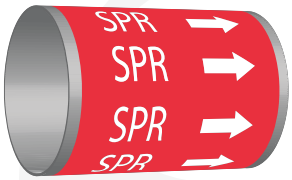




Product Code SI-BS S-012

2. SPRINKLER PIPE (SPR)





Product Code SI-BS S-013

3. WET RISER PIPE

Product Code SI-BS S-014

4. DRY RISER PIPE

Product Code SI-BS S-015

Self-Adhesive Strip for Fire Fighting Service

Self-Adhesive Strip for following service:

Avilable Size:
400 mm X 50 mm, 300 mm X 50 mm, 200 mm X 25 mm
** Custom size also available

CHILLED WATER SUPPLY
Product Code SI-0100

CHILLED WATER RETURN
Product Code SI-0101

HOT WATER SUPPLY
Product Code SI-0102

HOT WATER RETURN
Product Code SI-0103

COLD WATER SUPPLY
Product Code SI-0104

COLD WATER RETURN
Product Code SI-0105

POTABLE WATER
Product Code SI-0106

WASTE PIPE
Product Code SI-0107

VENT PIPE
Product Code SI-0108

SOIL PIPE
Product Code SI-0109

RAIN WATER PIPE
Product Code SI-0110

CONDENSATE DRAIN PIPE
Product Code SI-0111

Color Coded Banding Tape (BS 1710)

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

STANDARD COLORS

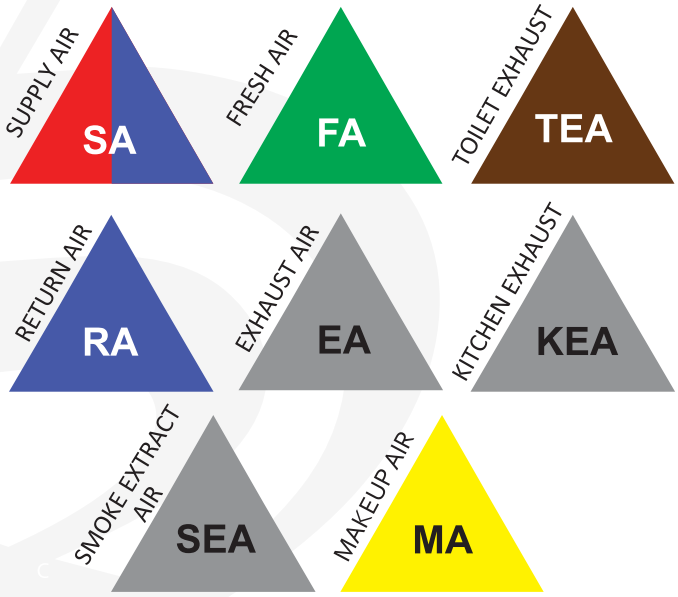
RED Product Code SI- CCBT- 01	BLUE Product Code SI- CCBT- 02
GREEN Product Code SI- CCBT- 03	YELLOW Product Code SI- CCBT- 04
ORANGE Product Code SI- CCBT- 05	PURPLE Product Code SI- CCBT- 06
BLACK Product Code SI- CCBT- 07	BROWN Product Code SI- CCBT- 08
WHITE Product Code SI- CCBT- 09	CLEAR Product Code SI- CCBT- 10

Ductwork Identification (BS 1710 / Bs 4800) - (DW 144)

Duct markers allow you to label different kinds of air. They are colour-coded to help differentiate between the different air systems and can be applied in any direction to mark the air flow. These duct labels are a high gloss, durable and flexible identification solution. They have a pressure sensitive adhesive that will stick to metal ducts indoors and out.

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.



Ductwork Identification (ANSI / ASME) - (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 indoor and outdoors. Duct markers are available in 2 size 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 Hight / Max Characters

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"

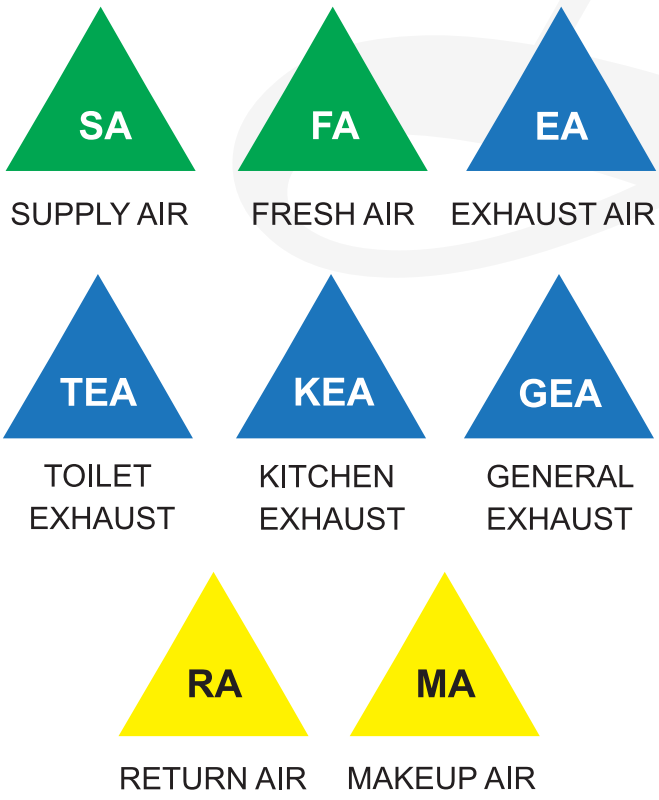
DML (4" x 24")
For ducts 24" and over
Legend Size: 2-1/2 " High
Marker Size: 4" x 20"
Arrow Size: 4" x 4"

Duct Size	Text Size	Marker Style	Maximum Characters
up to 24"	1-1/2"	DMS	22
24" & over	2-1/2"	DML	18

Application:

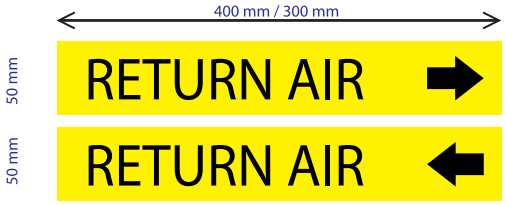
- Install duct markers in clear view and try to align with axis of duct.
- Install duct markers at minimum distance of 20' and a maximum of 50 on exposed horizontal and vertical runs.

- In each space where ductworking 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 housing indicating purpose of access.
- Where access doors are concealed above acuustical ceilings or similar concealment.



Self - adhesive Duct marking Strip & Bands.
Strip size is 400 x 50 mm / 300 x 50 mm.
Band size is 50 mm x 50 mtr.
***Custom sizes also avilable

RETURN AIR

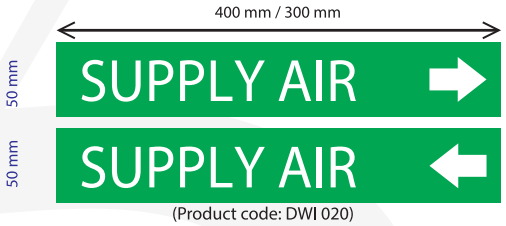


(Product code: DWI 018)

EXHAUST AIR

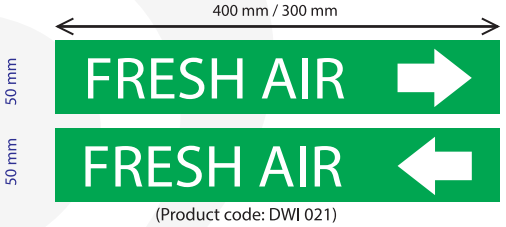
(Product code: DWI 019)

SUPPLY AIR



(Product code: DWI 020)

FRESH AIR



(Product code: DWI 021)

Identification Labels For ElectricalServices - Conduits, Cable Trays, Trunking & Raceways

POWER CABLES (Product code: ES 001)	LOW CURRENT CABLES (Product code: ES 011)
LIGHTING CABLES (Product code: ES 002)	GSM CABLES (Product code: ES 012)
POWER/LIGHTING (Product code: ES 003)	TELE/DATA CABLES (Product code: ES 013)
ESSENTIAL POWER (Product code: ES 004)	CCTV CABLES (Product code: ES 014)
ESSENTIAL LIGHTING (Product code: ES 005)	SECURITY CABLES (Product code: ES 015)
EMERGENCY CABLES (Product code: ES 006)	ELV CABLES (Product code: ES 016)
EARTHING CABLES (Product code: ES 007)	LV POWER CABLES (Product code: ES 017)
FIRE ALARM CABLES (Product code: ES 008)	BMS CABLES (Product code: ES 018)

UPS POWER CIRCUITS
(Product code: ES 009)

BMS CABLES
(Product code: ES 019)

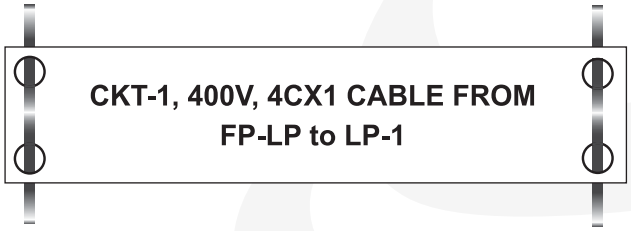
FIRE ALARM CABLES
(Product code: ES 010)

Cable Idenfication Tags:

Cable tags provide you with the ability to create clear,unambiguous cable identification tags 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 harnessess and more. Our tag materials offer excellent tear, solvent and heat resistance and are avilable for printing on a variety of thermal transfer and dont matrix printers.

PVC Cable Tags:

The PVC cable tags are flat, rigid, non-adhesive labels that can be used to identify large cables and bwire bundles in variety environments. These tags are applied to cables or wire bundles with cable ties.



Metal Cable Tags - Engraved and Embossed:

Metal labels are employed in an assortment of applications which are inclusive of aerospace, commericial, military and industrial sectors. These tags are serialized and ideal for identifications. We produce metal tags via several metals such as colod rolled steel, brass, aluminium, copper . Sizes are as per customers requirement with any different material.

Valve Tags:

Valve tags help quick and easy way to properly identify all valves, pipes and lines running through the facility. Silverline offers a wide variety of Valve Tags and Accessories. Choose from Valve Tags in various materials and available in both stock and custom. We provide blank valve tags so you may stamp or print your own tag text or legends. The following materils avilable for valvetag in like Aluminum, Brass, PVC & Stainless Steel.

(Product code: ES 022)

(Product code: ES 023)

Infrastructure Signages

Detectable Warning Tape (Made by Silverline)

Detectable Marking Tape is used for detecting, locating, identifying, and protecting buried utility lines for gas, water, sewer, telecommunication, and electrical markets. The width of tape used, is determined by the size of, and depth at which the underground utility line is buried. The depth at which detectable tape is buried, is determined by the width of the tape used.

- Detect: Aluminum core is detected through means of inductive locating.
- Locate: Line is located and marked after inductive locating is performed.
- Identity: Utility type is identified by both the APWA color-code and utility legend printed on the marking tape.
- Protect: Detectable tape works 24 hours a day and year round, even if tape is not inductively located during excavation, the tape provides a "stop-sign" effect that is highly visible.

Polythylene Warning Tapes

None - Detectable Tape (Made by Silverline)

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 Americal Public Work Association (APWA) National Color Code
- Avilable in five colors - Blue, Green, Yellow, Red and Ornage.

Safety Signs

Safety Signs are crucial in any work environment. The primary importance of displaying Safety Signs is to prevent injury and ensure staff and visitors are well aware of the possible dangers and hazards ahead in certain situations and/or environments. Without signs, many employees would lack the necessary direction in times of crisis, and employers might find themselves in significant legal difficulties if any accidents were to arise as a result.

One of the biggest tasks faced in ensuring good health and safety practice is the communication of information. It is vital that everyone concerned understands risks and how they should be dealt with. For this reason, the proper signage in a workplace is essential, as it is one of the main points of reference and contact for staff. These signs should be found anywhere in which a potential hazard might be found, and the aim is to clearly indicate the danger so that it may be avoided. Other signs actually explain the precautions to take in order to avoid the hazard.

There are a great number of different signs in existence – many may only be found once in a specific location, but they are all important. These signs can convey a variety of meanings, because in many cases, the simple warning of danger is not adequate. The very best health and safety systems use a complete set of signs that not only help to prevent dangerous situations, but instruct workers in how to deal with them. For instance, a hazardous gas sign may be accompanied by an instruction to wear a gas mask. This is more effective than a lone warning symbol, which would not explain how to avoid the potential hazard.

There are four main types of safety signage used in the workplace, and generally they use the same colour schemes all over the world. Red is an indication of the potential of immediate danger, which means action must be taken, or in fact something is prohibited. Yellow or amber is a warning that precautionary steps should be taken to ensure safety. Blue is a mandatory instruction that often accompanies danger or warning signs to ensure safety. Green is a safety sign, but does not mean any kind of danger; instead it is used to indicate an escape route or first aid. A place of work which has an effective health and safety system is likely to use all of these types of signs.

Having the proper signage in your place of work can significantly reduce accidents, and most countries have legislation in place that means signs are legally required. Compliance is therefore both beneficial and essential.

A signboard is a combination of shape, colour and symbol or pictogram made visible by adequate lighting and which may have supplementary text. See the table below to understand the purpose of different safety signs and their properties:

Colour	Meaning or Purpose	Instruction & Information	Shape
	Prohibition/ Danger alarm / Fire fighting equipment	Dangerous behaviour. stop. shutdown. emergency cut-out devices. evacuate.	
	Warning	Be careful. take precations. examine.	
	Emergency-escape. first aid. No danger	Doors; exits; escape routes equipment and facilities Return to normal	
	Mandatory	Specific behaviour or action e.g. wear personal protective equipment	

Engraved Traffolyte & PVC Labels

GV CWS

GV CWS

GV CWS

FIRE FIGHTING PUMP SUCTION VALVE

EARTH PIT-1 LIGHTINING

CHILLER - 1

PUMP - 1

WATER SUPPLY VALVE CHAMBER GV 160mm Ø

صمام تحكم المنطقة #١

ZONE CONTROL VALVE #1

1x4Cx240mm2 XLPE/SWA/PVC TO FED B EXISTING

1x4Cx240mm2 XLPE/SWA/PVC TO FED B EXISTING

1x4Cx240mm2 XLPE/SWA/PVC TO FED B EXISTING

PUSH

FCU

MFR	:	CARR USA
MODEL	:	42DC 12-6CFM
TCC	:	44.6 MBH
AIR QTY	:	1180 CFM

HOSE TYPE - SS SINGLE BRAID HOSE,
SIZE - 3/4" LENGTH - 20 MTR
WP - 64 BAR TP - 96 BAR
TESTING DATE - 18.12.2021
TAG NUMBER - TC-4652-14-01 YS

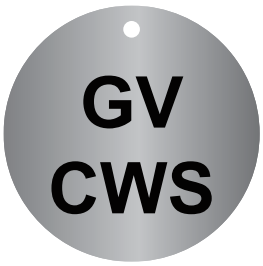
DHCC AP-17
PHE-3

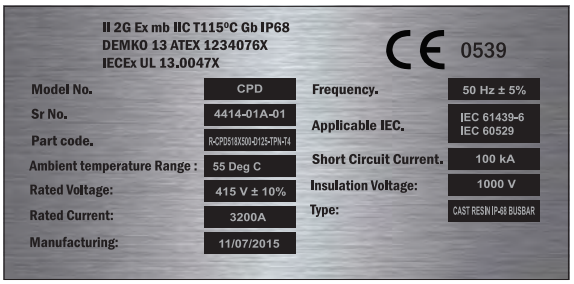
PHE MAKE	:	GEA Ecoflex
MODEL No.	:	NX250L B-16
Sr. No.	:	08ME107
CAPACITY	:	2370 50 Kw

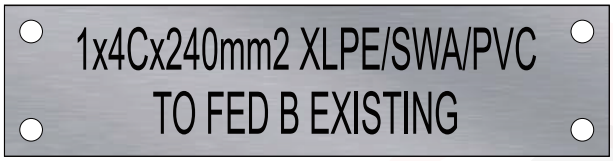
TORIZED FIRE MPER

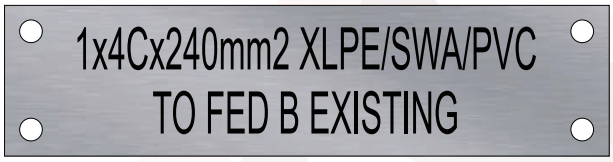
MOTORIZED FIRE DAMPER

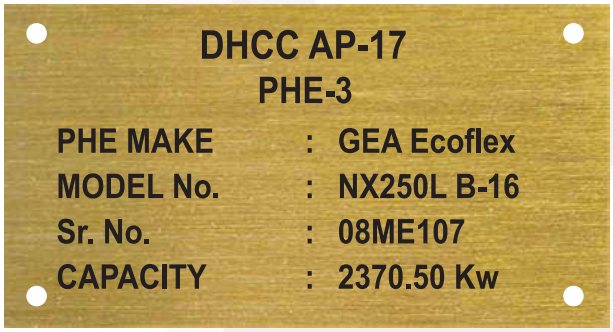
Engraving & Etching Metal Tags(Aluminium, SS, Brass)

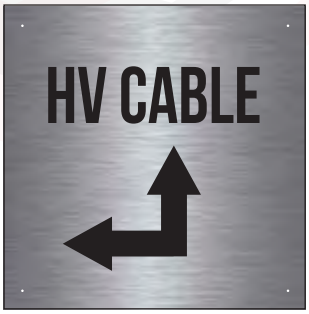


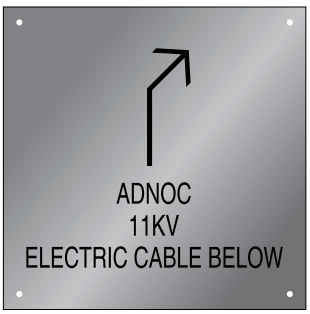












WARNING SIGNS

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

Safety Sign

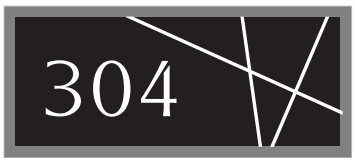

SITE SAFETY
WEAR FACE SHIELD
WEAR HIGH VISIBILITY CLOTHING
WEAR MASK
WEAR FOOT PROTECTION
WEAR HEAD PROTECTION
WEAR HEAD PROTECTION
USE FOOTBRIDGE
ENCLOSED SHOES ARE REQUIRED IN THE MANUFACTURING AREA
FACE SHIELD MUST BE WORN
WEAR EAR PROTECTION
KEEP DOOR CLOSED
WEAR RESPIRATORY PROTECTION
REFER TO INSTRUCTION MANUAL/BOOKLET
SWITCH OFF ENGINE
WEAR OPAQUE EYE PROTECTION
WEAR SAFETY BELT
SOUND HORN
USE BARRIER CREAM
PAINT DRUM AREA
WEAR GAP
WEAR SAFETY GLASSES
CONNECT AN EARTH TERMINAL TO THE GROUND
DISCONNECT MAINS PLUG FROM ELECTRICAL OUTLET
WEAR HAND PROTECTION
WEAR SAFETY HARNESS
WEAR RESPIRATOR
WEAR RESPIRATOR
WEAR MASK
WEAR GAP
WEAR SAFETY GLASSES
WEAR WELDING MASK
WEAR PROTECTIVE CLOTHING
WASH YOUR HAND
WEAR HEAD PROTECTION
USE HANDRAIL
WEAR EARPLUGS
STACK CORRECTLY
USE STOPPER
DISCONNECT BEFORE CARRYING OUT MAINTENANCE OR REPAIR
WEAR PROTECTIVE CLOTHING
SAFETY HARNESS MUST BE WORN
NOW WASH YOUR HANDS PLEASE
WEAR VEST
KEEP LOCKED
WEAR SCBA
AUTHORIZED PERSONNEL ONLY
FLAME ARRESTER MUST BE WORN
WALK-WAY
MOTORCYCLE PARKING
WEAR ANTISTATIC SHOES
FASTEN SEAT BELT
SWITCH OFF
WEAR TACKLE HAND
PULL KEY
USE ADJUSTABLE GUARD
WEAR GOGGLE
WEAR WELDING HELMET
DO NOT LITTER
WEAR SAFETY HELMET
WEAR ARM PROTECTION


DO NOT
ENTER


SAFETY FIRST
NO SMOKING
NO ENTRY
NO SLIPPER
NO PHOTOGRAPH
WEAR HEAD PROTECTION
WEAR SAFETY GLASSES
WEAR FOOT PROTECTION
WEAR HAND PROTECTION

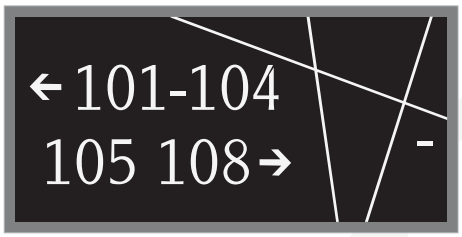
Indoor Signage

Metal and Acrylic Signage



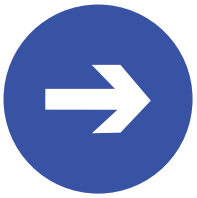
Size: 23X10
SS mirror back,
front 6mm acrylic

Size: 25X10
SS mirror back,
front 6mm acrylic



Size: 30X15
SS mirror back,
front 6mm acrylic

Traffic Signs



Powder Coating Works

What is Powder Coating?

over in the 1960s. Representing over 15% of the total industrial finishing market, powder is used on a wide array of products. More and more companies specify powder coatings for a high-quality, durable finish, allowing for maximized production, improved efficiencies, and simplified environmental compliance. Used as functional (protective) and deco rative finishes, powder coatings are available in an almost limitless range of colors and textures, and technological advancements have resulted in excellent performance properties.

How Powder Coating Works

Powder coatings are based on polymer resin systems, combined with curatives, pigments, leveling agents, flow modifi ers, and other additives. These ingredients are melt mixed, cooled, and ground into a uniform powder similar to baking flour. A process called electrostatic spray deposition (ESD) is typically used to achieve the application of the powder coating to a metal substrate. This application method uses a spray gun, which applies an electrostatic charge to the powder particles, which are then attracted to the grounded part. After application of the powder coating, the parts enter a curing oven where, with the addition of heat, the coating chemically reacts to produce long molecular chains, resulting in high cross-link density. These molecular chains are very resistant to breakdown. This type of application is the most common method of applying powders. Powder coatings can also be applied to non-metallic substrates such as plastics and medium density fiberboard (MDF).

Durability of Powder Coating

Powder coating is a high-quality finish found on thousands of products you come in contact with each day. Powder coating protects the roughest, toughest machinery as well as the household items you depend on daily. It provides a more durable finish than liquid paints can offer, while still providing an attractive finish. Powder coated products are more resistant to diminished coating quality as a result of impact, moisture, chemicals, ultraviolet light, and other extreme weather conditions. In turn, this reduces the risk of scratches, chipping, abrasions, corrosion, fading, and other wear issues.

It's tough. It looks great. And it lasts a long, long time. In addition to being durable, powder coating is an attractive choice due to environmental advantages.

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