SOLAS TAPES DESIGNED FOR MARINE APPLICATION

PIPE IDENTIFICATION

PIPE MARKERS AND TAPES

www.mareflex.com

ABOUT US

Mareflex is a European supplier of high quality pipe markers and tapes which provide clear identification of the content of the piping system, flow direction, locations of particular elements and inform about hazardous conditions in plant operational areas.

Properly installed markers serve for many years and improve the level of safety, helping to reduce the amount of downtime and accidents.

All our tapes and markers are digitally printed at an **ISO:9001** approved facility with the use of materials of the first-rate quality.

Mareflex provides comprehensive service, from the design works to the final production steps, which allows to supply not only standardised colour variations, but also fully customised products.

Safe and environmentally friendly printing

Mareflex Dura Markers are printed with paints, which are **GREENGUARD® and ECOLOGO® Certified to meet some of the world's most rigorous and comprehensive standards for low chemical emissions and a range of stringent human health criteria.** They offer health and environmental advantages - compared to eco-solvent, solvent, or UV-curable inks.

The inks used for Mareflex pipe marking production have no hazard warning labels, contain no Hazardous Air Pollutants (HAPs), are non-flammable and non-combustible, and are nickel-free



PRODUCT CERTIFIED FOR REDUCED ENVIRONMENTAL IMPACT. VIEW SPECIFIC ATTRIBUTES EVALUATED: ULCOM/EL ULCOM/EL UL 2801





PIPE MARKERS & TAPES COMPARISON



ASIO ECONOMY DURA MARKERS

A cost-effective solution dedicated for indoor and outdoor use in areas with limited exposure to direct sunlight. It offers fair durability, good flexibility and a service temperature up to 80°C. Recommended for newly installed pipes. It is the most economical solution for pipeline identification.



CORRECT MATER

ASI

ADVANCED DURA MARKERS

Resistant to high temperatures up to 130°C, self-adhesive polyester markers offer a longer service lifetime. Due to the protective laminate layer, pipe markers have improved colour fastness and excellent resistance to prolonged sunlight exposure. Suitable for use in harsh weather conditions in marine and offshore environments.

ASI2 PRE-COILED DURA MARKERS

High performance pre-coiled markers recommended for areas which are highly exposed to sunlight, difficult weather conditions and chemicals. Their special design of a non-adhesive tube allows for use on wet, oily, cold and dusty pipelines. Do not require surface preparation, can be easily removed and reapplied to other areas.

TECHNICAL DETAILS

* The actual lifetime of the markers depends on the particular conditions of use. Please contact our specialists for more information.

	A5 10	ASII	A5 12
Service temperature	-40°C to +80°C	-40°C to +130°C	-40°C to +130°C
Surface preparation	Yes	Yes	No
Mounting method	Self-adhesive	Self-adhesive	Pre-coiled, self-bonding
UV resistance	Good	Excellent	Excellent
Weather resistance	Very good	Excellent	Excellent
Chemical resistance	Good	Very good	Excellent
Sea water resistance	Yes	Yes	Yes
Reuse after removing	No	No	Yes
Service lifetime	3-8 years*	5–10 years*	5-10 years*

ECONOMY DURA MARKERS

A510

Basic pipe marking solution for indoor and outdoor installations

A cost-effective solution dedicated for indoor and outdoor use in areas with limited exposure to direct sunlight and adverse weather conditions.

It offers fair durability, good flexibility and a service temperature up to 80°C.

Self-adhesive markers are equipped with pressure sensitive acrylic adhesive and protective release liner. **Recommended for newly installed pipes**.

> PROTECTIVE OVERCOAT

Additional protective overcoating of the printed surface reduces paint aging and inproves scratch-resistance.

SERVICE TEMPERATURE: -40°C TO +80°C

SERVICE LIFETIME: 3-8 YEARS*

TECHNICAL DETAILS

Material	self-adhesive vinyl
Protective layer	overcoat lacquer
Service temperature	-40°C to +80°C
Surface preparation	Yes
Mounting method	Self-adhesive
UV resistance	Good
Weather resistance	Very good
Chemical resistance	Good
Sea water resistance	Yes
Reuse after removing	No
Service lifetime	3-8 years*

FEATURES

- fair resistance to weather conditions and UV rays
- economical and easy to use
- no minimum quantity
- custom widths with any texts and graphics on demand
- high quality acrylic adhesive
- protective overcoat on printed surface

AVAILABILITY



* The actual lifetime of the markers depends on the particular conditions of use. Please contact our specialists for more information.

ASI

ADVANCED DURA MARKERS

Higher temperature resistant pipe markers with prolonged durability



Resistant to high temperatures up to 130°C, self-adhesive polyester markers offer a longer service lifetime.

Due to the protective laminate layer, pipe markers have improved colour fastness and excellent resistance to prolonged sunlight exposure. A very good chemical resistance ensures reliable material performance.

Suitable for use in harsh weather conditions in marine and offshore environments.

SERVICE TEMPERATURE: -40°C TO +130°C

SERVICE LIFETIME: 5-10 YEARS*

TECHNICAL DETAILS

Material	self-adhesive polyester
Protective layer	long-life polyester laminate
Service temperature	-40°C to +130°C
Surface preparation	Yes
Mounting method	Self-adhesive
UV resistance	Excellent
Weather resistance	Excellent
Chemical resistance	Very good
Sea water resistance	Yes
Reuse after removing	No
Service lifetime	5-10 years*

FEATURES

- high temperature resistance up to 130°C
- excellent resistance to harsh weather conditions and UV rays
- very good chemical resistance
- scratch-resistant
- custom widths with any texts and graphics on demand
- high quality acrylic adhesive

AVAILABILITY



* The actual lifetime of the markers depends on the particular conditions of use. Please contact our specialistsfor more information.



PRE-COILED DURA MARKERS

Most advanced pipe markers for quick and easy installation



High performance pre-coiled markers recommended for environments which are highly exposed to sunlight, difficult weather conditions and chemicals. Their special design of a non-adhesive tube allows for easy installation on wet, oily, cold and dusty pipelines. Do not require surface preparation, can be easily removed and reapplied to other areas.

SERVICE TEMPERATURE: -40°C TO +140°C SERVICE LIFETIME: 5-10 YEARS*

TECHNICAL DETAILS

Material	high durability polyester
Protective layer	long-life polyester laminate
Service temperature	-40°C to +130°C
Surface preparation	No
Mounting method	Pre-coiled, self-bonding
UV resistance	Excellent
Weather resistance	Excellent
Chemical resistance	Excellent
Sea water resistance	Yes
Reuse after removing	Yes
Service lifetime	5-10 years*

FEATURES

- excellent durability and long service life
- excellent resistance to UV, chemicals and sea water
- pre-coiled for easier installation
- no surface preparation required
- custom widths with any texts and graphics on demand
- can be reused

AVAILABILITY



PRECOILED MARKERS

* The actual lifetime of the markers depends on the particular conditions of use. Please contact our specialistsfor more information.

BASIC IDENTIFICATION ACC. TO ISO 14726:2008

The **ISO 14726:2008** standard (International Standard Organization), specifies the principle colours for the identification of media in pipes. It also specifies additional colour variations for different media or functions.

DESCRIPTION	COLOUR		ISO	ISSA	IMPA
WASTE MEDIA	RAL 9005 BLACK (BK)	MC40	ISO 5001	47.521.40	33.2140
FRESH WATER	RAL 5015 BLUE (BU)	MC41	150 5008	47.521.41	33.2141
FUEL	RAL 8001 BROWN (BN)	MC42	150 5018	47.521.42	33.2142
SEA WATER	RAL 6018 GREEN (GN)	MC43	150 5031	47.521.43	33.2143
NON-FLAMMABLE GASES	RAL 7001 GREY (GY)	MC44	150 5038	47.521.44	33.2144
AIR AND SOUNDING PIPES	RAL 8015 MAROON (MN)	MC45	ISO 5052	47.521.45	33.2145
OIL OTHER THAN FUELS	RAL 2003 ORANGE (OG)	MC46	ISO 5055	47.521.46	33.2146
STEAM	RAL 9006 SILVER (SR)	MC47	150 5101	47.521.47	33.2147
FIRE FIGHTING	RAL 3000 RED (RD)	MC48	ISO 5065	47.521.48	33.2148
ACIDS & ALKALIS	RAL 4001 VIOLET (VT)	MC49	ISO 5050	47.521.49	33.2149
AIR IN VENTILATION SYSTEMS	RAL 9010 WHITE (WH)	MC50	150 5079	47.521.50	33.2150
FLAMMABLE GASES	RAL 1021 YELLOW (YEO)	MC51	150 5091	47.521.51	33.2151
FLOW DIRECTION MARKING	*****	FD30	150 5099	47.521.30	33.2130

MULTI-COLOUR PERMUTATIONS

Multi-color variations for different media or functions.

DESCRIPTION	COLOUR	ORDER CODE	150	ISSA
WASTE MEDIA	вк	MC40	ISO 5001	47.521.40
BLACK WATER	BK BU BK	MC40-41	150 5002	47.521.40 + 47.521.41 + 47.521.40
WASTE OIL/USED OIL	BK BN BK	MC40-42	150 5003	47.521.40 + 47.521.42 + 47.521.40
BILGE WATER	BK GN BK	MC40-43	150 5004	47.521.40 + 47.521.43 + 47.521.40
EXHAUST GAS	ВК GY ВК	MC40-44	150 5005	47.521.40 + 47.521.44 + 47.521.40
GREY WATER	вк wh вк	MC40-50	150 5006	47.521.40 + 47.521.50 + 47.521.40
SEWAGE - CONTAMINATED	вк үео вк	MC40-51	150 5007	47.521.40 + 47.521.51 + 47.521.40
FRESH WATER	BU	MC41	150 5008	47.521.41
FRESH WATER FRESH WATER, SANITARY	BU BU BN BU	MC41 MC41-42	ISO 5008 ISO 5009	47.521.41 47.521.41 + 47.521.42 + 47.521.41
FRESH WATER FRESH WATER, SANITARY POTABLE WATER	BU BN BU BU GN BU	MC41 MC41-42 MC41-43	ISO 5008 ISO 5009 ISO 5010	47.521.41 47.521.41 + 47.521.42 + 47.521.41 47.521.41 + 47.521.43 + 47.521.41
FRESH WATER FRESH WATER, SANITARY POTABLE WATER DISTILLATE	BU BN BU BU GN BU BU GY BU	MC41 MC41-42 MC41-43 MC41-44	ISO 5008 ISO 5009 ISO 5010 ISO 5011	47.521.41 47.521.41 + 47.521.42 + 47.521.41 47.521.41 + 47.521.43 + 47.521.41 47.521.41 + 47.521.44 + 47.521.41
FRESH WATER FRESH WATER, SANITARY POTABLE WATER DISTILLATE GAS TURBINE WASH WATER	BU BN BU BU GN BU BU GY BU BU OG BU	MC41 MC41-42 MC41-43 MC41-44 MC41-46	ISO SOO8 ISO SOO9 ISO SOI0 ISO SOI1 ISO SO12	47.521.41 47.521.41 + 47.521.42 + 47.521.41 47.521.41 + 47.521.43 + 47.521.41 47.521.41 + 47.521.44 + 47.521.41 47.521.41 + 47.521.46 + 47.521.41
 FRESH WATER FRESH WATER, SANITARY POTABLE WATER DISTILLATE GAS TURBINE WASH WATER FEED WATER 	BU BN BU BU GN BU BU GY BU BU OG BU BU SR BU	MC41 MC41-42 MC41-43 MC41-44 MC41-46 MC41-47	ISO SOO8 ISO SOO9 ISO SO10 ISO SO12 ISO SO14	47.521.41 47.521.41 + 47.521.42 + 47.521.41 47.521.41 + 47.521.43 + 47.521.41 47.521.41 + 47.521.44 + 47.521.41 47.521.41 + 47.521.46 + 47.521.41 47.521.41 + 47.521.46 + 47.521.41

CHILLED WATER	BU	WН	BU	MC41-50	ISO 5016	47.521.41 + 47.521.50 + 47.521.41
CONDENSATE	BU	YEO	BU	MC41-51	150 5017	47.521.41 + 47.521.51 + 47.521.41
FUEL	BN		MC42	ISO 5018	47.521.42	
HEAVY FUEL OIL (HFO)	BN	вк	BN	MC42-40	150 5019	47.521.42 + 47.521.40 + 47.521.42
AVIATION FUEL	BN	BU	BN	MC42-41	150 5020	47.521.42 + 47.521.41 + 47.521.42
BIOLOGICAL FUEL	BN	VT	BN	MC42-49	150 5022	47.521.42 + 47.521.49 + 47.521.42
GAS-TURBINE FUEL	BN	WН	BN	MC42-50	150 5023	47.521.42 + 47.521.50 + 47.521.42
MARINE DIESEL FUEL (MDO)	BN	YEO	BN	MC42-51	ISO 5024	47.521.42 + 47.521.51 + 47.521.42
SEA WATER		GN		MC43	ISO 5031	47.521.43
DECONTAMINATION WATER	GN	BU	GN	MC43-41	ISO 5032	47.521.43 + 47.521.41 + 47.521.43
SEA WATER, SANITARY	GN	BN	GN	MC43-42	ISO 5033	47.521.43 + 47.521.42 + 47.521.43
BALLAST WATER	GN	VT	GN	MC43-49	ISO 5034	47.521.43 + 47.521.49 + 47.521.43
COOLING SEA WATER	GN	YEO	GN	MC43-51	ISO 5035	47.521.43 + 47.521.51 + 47.521.43
NON-FLAMMABLE GASES		GY		МС44	150 5038	47.521.44
OXYGEN	GY	BU	GY	MC44-41	150 5039	47.521.44 + 47.521.41 + 47.521.44
INERT GAS	GY	BN	GY	MC44-42	ISO 5040	47.521.44 + 47.521.42 + 47.521.44
NITROGEN	GY	GN	GY	MC44-43	150 5041	47.521.44 + 47.521.43+ 47.521.44
REFRIGERANT	GY	MN	GY	MC44-45	150 5042	47.521.44 + 47.521.45 + 47.521.44
COMPRESSED AIR LP (LOW PRESSURE)	GY	OG	GY	MC44-46	150 5043	47.521.44 + 47.521.46 + 47.521.44
COMPRESSED AIR HP (HIGH PRESSURE)	GY	RD	GY	MC44-48	ISO 5045	47.521.44 + 47.521.48 + 47.521.44
CONTROL AIR / REGULATING AIR	GY	VT	GY	MC44-49	ISO 5046	47.521.44 + 47.521.49 + 47.521.44
BREATHING AIR*	GY	WН	GY	MC44-50	ISO 5047	47.521.44 + 47.521.50 + 47.521.44
BREATHING GAS*	GY	YEO	GY	MC44-51	ISO 5048	47.521.44 + 47.521.51 + 47.521.44
AIR AND SOUNDING PIPES		MN		MC45	ISO 5052	47.521.45
WASTE MEDIA	MN	вк	MN	MC45-40	-	47.521.45 + 47.521.40 + 47.521.45
FRESH WATER	MN	BU	MN	MC45-41	-	47.521.45 + 47.521.41 + 47.521.45
FUEL	MN	BN	MN	MC45-42	-	47.521.45 + 47.521.42 + 47.521.45
SEA WATER	MN	GN	MN	MC45-43	-	47.521.45 + 47.521.43 + 47.521.45
NON-FLAMMABLE GASES	MN	GY	MN	MC45-44	-	47.521.45 + 47.521.44 + 47.521.45
OIL OTHER THAN FUELS	MN	OG	MN	MC45-46	-	47.521.45 + 47.521.46 + 47.521.45
STEAM	MN	SR	MN	MC45-47	-	47.521.45 + 47.521.47 + 47.521.45
FIRE FIGHTING	MN	RD	MN	MC45-48	_	47.521.45 + 47.521.48 + 47.521.45
ACIDS, ALKALIS	MN	VT	MN	MC45-49	-	47.521.45 + 47.521.49 + 47.521.45
VENTILATION SYSTEM	MN	WH	MN	MC45-50	_	47.521.45 + 47.521.50 + 47.521.45
FLAMMABLE GASES	MN	YEO	MN	MC45-51	-	47.521.45 + 47.521.51 + 47.521.45
ACIDS & ALKALIS		VT		MC49	150 5050	47.521.49

OIL OTHER THAN FOELS		OG		MC46	ISO 5055	47.521.46
THERMAL FLUID	OG	BU	OG	MC46-41	150 5057	47.521.46 + 47.521.41 + 47.521.46
LUBRICAITION OIL FOR GAS TURBINES	OG	GN	OG	MC46-43	150 5059	47.521.46 + 47.521.43 + 47.521.46
HYDRAULIC FLUID	OG	GY	OG	MC46-44	150 5060	47.521.46 + 47.521.44 + 47.521.46
LUBRICAITION OIL FOR STEAM TURBINES	OG	SR	OG	MC46-47	150 5061	47.521.46 + 47.521.47 + 47.521.46
LUBRICAITION OIL FOR GEARS	OG	VT	OG	MC46-49	150 5062	47.521.46 + 47.521.49 + 47.521.46
LUBRICAITION OIL FOR INT. COMBUSTION ENGINES	OG	YEO	OG	MC46-51	150 5063	47.521.46 + 47.521.51 + 47.521.46
STEAM		SR		MC47	150 5101	47.521.47
STEAM FOR HEATING PURPOSES	SR	вк	SR	MC47-40	150 5102	47.521.47 + 47.521.40 + 47.521.47
DRIVING STEAM	SR	GN	SR	MC47-43	-	47.521.47 + 47.521.43 + 47.521.47
EXHAUST STEAM	SR	wн	SR	MC47-50	150 5106	47.521.47 + 47.521.50 + 47.521.47
SUPPLY STEAM	SR	YEO	SR	MC47-51	150 5107	47.521.47 + 47.521.51 + 47.521.47
FIRE FIGHTING / FIRE PROTECTION		RD		MC48	150 5065	47.521.48
FIRE-FIGHTING WATER	RD	GN	RD	MC48-43	150 5067	47.521.48 + 47.521.43 + 47.521.48
FIRE-FIGHTING GAS	RD	GY	RD	MC48-44	150 5068	47.521.48 + 47.521.44 + 47.521.48
SPRINKLER WATER	RD	OG	RD	MC48-46	150 5069	47.521.48 + 47.521.46 + 47.521.48
SPRAY WATER	RD	VT	RD	MC48-49	150 5070	47.521.48 + 47.521.49 + 47.521.48
FIRE-FIGHTING POWDER	RD	wн	RD	MC48-50	150 5071	47.521.48 + 47.521.50 + 47.521.48
FIRE-FIGHTING FOAM	RD	YEO	RD	MC48-51	150 5072	47.521.48 + 47.521.51 + 47.521.48
FIRE-FIGHTING FOAM	RD	YEO WH	RD	MC48-51 MC50	ISO 5072 ISO 5079	47.521.48 + 47.521.51 + 47.521.48 47.521.50
FIRE-FIGHTING FOAM AIR IN VENTILATION SYSTEMS DISCHARGE AIR	RD WH	YEO WH BK	RD	MC48-51 MC50 MC50-40	ISO 5072 ISO 5079 ISO 5080	47.521.48 + 47.521.51 + 47.521.48 47.521.50 47.521.50 + 47.521.40 + 47.521.50
FIRE-FIGHTING FOAM AIR IN VENTILATION SYSTEMS DISCHARGE AIR MECHANICAL SUPPLY AIR - COLD	RD WH	YEO WH BK BU	RD WH WH	MC48-51 MC50 MC50-40 MC50-41	ISO 5072 ISO 5079 ISO 5080 ISO 5081	47.521.48 + 47.521.51 + 47.521.48 47.521.50 47.521.50 + 47.521.40 + 47.521.50 47.521.50 + 47.521.41 + 47.521.50
FIRE-FIGHTING FOAM AIR IN VENTILATION SYSTEMS DISCHARGE AIR MECHANICAL SUPPLY AIR - COLD NATURAL EXHAUST AIR	RD WH WH WH	YEO WH BK BU BN	RD WH WH WH	MC48-51 MC50 MC50-40 MC50-41 MC50-42	ISO 5072 ISO 5079 ISO 5080 ISO 5081 ISO 5082	47.521.48 + 47.521.51 + 47.521.48 47.521.50 47.521.50 + 47.521.40 + 47.521.50 47.521.50 + 47.521.41 + 47.521.50 47.521.50 + 47.521.42 + 47.521.50
FIRE-FIGHTING FOAM AIR IN VENTILATION SYSTEMS DISCHARGE AIR MECHANICAL SUPPLY AIR - COLD NATURAL EXHAUST AIR ATMOSPHERIC AIR	RD WH WH WH	YEO WH BK BU BN GN	RD WH WH WH WH	MC48-51 MC5O MC5O-40 MC5O-41 MC5O-42	ISO SO72 ISO SO79 ISO SO80 ISO SO81 ISO SO82 ISO SO83	47.521.48 + 47.521.51 + 47.521.48 47.521.50 47.521.50 + 47.521.40 + 47.521.50 47.521.50 + 47.521.41 + 47.521.50 47.521.50 + 47.521.42 + 47.521.50 47.521.50 + 47.521.42 + 47.521.50
FIRE-FIGHTING FOAM AIR IN VENTILATION SYSTEMS DISCHARGE AIR MECHANICAL SUPPLY AIR - COLD NATURAL EXHAUST AIR ATMOSPHERIC AIR MECHANICAL EXHAUST AIR	RD WH WH WH WH	YEO WH BK BU BN GN GY	RD WH WH WH WH	MC48-51 MC5O MC5O-40 MC5O-41 MC5O-42 MC5O-43	ISO SO72 ISO SO79 ISO SO80 ISO SO81 ISO SO82 ISO SO83	47.521.48 + 47.521.51 + 47.521.48 47.521.50 47.521.50 + 47.521.40 + 47.521.50 47.521.50 + 47.521.41 + 47.521.50 47.521.50 + 47.521.42 + 47.521.50 47.521.50 + 47.521.43 + 47.521.50 47.521.50 + 47.521.44 + 47.521.50
FIRE-FIGHTING FOAM AIR IN VENTILATION SYSTEMS DISCHARGE AIR MECHANICAL SUPPLY AIR - COLD NATURAL EXHAUST AIR ATMOSPHERIC AIR MECHANICAL EXHAUST AIR DISCHARGE AIR DISCHARGE AIR DISCHARGE AIR DISCHARGE AIR MECHANICAL EXHAUST AIR DECONTAMINATED SUPPLY AIR	RD WH WH WH WH WH	YEO WH BK BU BN GN GN GY	RD WH WH WH WH WH WH	MC48-51 MC5O MC5O-40 MC5O-41 MC5O-42 MC5O-43	ISO SO72 ISO SO79 ISO SO80 ISO SO81 ISO SO82 ISO SO83 ISO SO84	47.521.48 + 47.521.51 + 47.521.48 47.521.50 47.521.50 + 47.521.40 + 47.521.50 47.521.50 + 47.521.41 + 47.521.50 47.521.50 + 47.521.42 + 47.521.50 47.521.50 + 47.521.43 + 47.521.50 47.521.50 + 47.521.44 + 47.521.50 47.521.50 + 47.521.45 + 47.521.50
FIRE-FIGHTING FOAM AIR IN VENTILATION SYSTEMS DISCHARGE AIR MECHANICAL SUPPLY AIR - COLD NATURAL EXHAUST AIR ATMOSPHERIC AIR MECHANICAL EXHAUST AIR DECONTAMINATED SUPPLY AIR MECHANICAL RECIRCULATED AIR	RD WH WH WH WH WH WH	YEO WH BK BU BN GN GN GY MN	RD WH WH	MC48-51 MC5O MC5O-40 MC5O-41 MC5O-42 MC5O-43 MC5O-44	ISO SO72 ISO SO79 ISO SO80 ISO SO81 ISO SO82 ISO SO83 ISO SO84 ISO SO85	47.521.48 + 47.521.51 + 47.521.48 47.521.50 47.521.50 + 47.521.40 + 47.521.50 47.521.50 + 47.521.41 + 47.521.50 47.521.50 + 47.521.42 + 47.521.50 47.521.50 + 47.521.43 + 47.521.50 47.521.50 + 47.521.44 + 47.521.50 47.521.50 + 47.521.45 + 47.521.50 47.521.50 + 47.521.45 + 47.521.50
 FIRE-FIGHTING FOAM AIR IN VENTILATION SYSTEMS DISCHARGE AIR MECHANICAL SUPPLY AIR - COLD NATURAL EXHAUST AIR ATMOSPHERIC AIR MECHANICAL EXHAUST AIR DECONTAMINATED SUPPLY AIR MECHANICAL RECIRCULATED AIR MECHANICAL SUPPLY AIR - WARM 	RD WH WH WH WH WH WH WH	YEO WH BK BU BN GN GN GY MN OG SR	RD WH	MC48-51 MC5O MC5O-40 MC5O-41 MC5O-42 MC5O-43 MC5O-44 MC5O-45	ISO SO72 ISO SO79 ISO SO80 ISO SO81 ISO SO83 ISO SO83 ISO SO85 ISO SO86	47.521.48 + 47.521.51 + 47.521.48 47.521.50 47.521.50 + 47.521.40 + 47.521.50 47.521.50 + 47.521.41 + 47.521.50 47.521.50 + 47.521.42 + 47.521.50 47.521.50 + 47.521.43 + 47.521.50 47.521.50 + 47.521.43 + 47.521.50 47.521.50 + 47.521.45 + 47.521.50 47.521.50 + 47.521.45 + 47.521.50 47.521.50 + 47.521.45 + 47.521.50 47.521.50 + 47.521.45 + 47.521.50
FIRE-FIGHTING FOAM AIR IN VENTILATION SYSTEMS DISCHARGE AIR MECHANICAL SUPPLY AIR - COLD NATURAL EXHAUST AIR ATMOSPHERIC AIR MECHANICAL EXHAUST AIR DECONTAMINATED SUPPLY AIR MECHANICAL RECIRCULATED AIR MECHANICAL SUPPLY AIR - WARMA MECHANICAL SUPPLY AIR - WARMA MECHANICAL SUPPLY AIR - WARMA	RD WH WH WH WH WH WH WH	YEO WH BK BU BN GN GN GN GN GN GN GN GN SR RD	RD WH	MC48-51 MC50 MC50-40 MC50-41 MC50-42 MC50-43 MC50-43 MC50-44 MC50-45	ISO SO72 ISO SO79 ISO SO80 ISO SO81 ISO SO82 ISO SO83 ISO SO85 ISO SO86 ISO SO87	47.521.48 + 47.521.51 + 47.521.48 47.521.50 47.521.50 + 47.521.40 + 47.521.50 47.521.50 + 47.521.41 + 47.521.50 47.521.50 + 47.521.42 + 47.521.50 47.521.50 + 47.521.42 + 47.521.50 47.521.50 + 47.521.43 + 47.521.50 47.521.50 + 47.521.45 + 47.521.50 47.521.50 + 47.521.45 + 47.521.50 47.521.50 + 47.521.45 + 47.521.50 47.521.50 + 47.521.47 + 47.521.50 47.521.50 + 47.521.47 + 47.521.50
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* Intended for use in submarines for distribution systems used for breathing air from cylinders.



- Each pipe marker is dedicated to a particular pipe diameter.
- The table shows recommended marker dimensions for most popular nominal pipe sizes. Each marker length comes with suitable font and arrow sizes.
- The sizes include a minimum 30mm overlap, however they do not include any additional pipe coatings like insulation etc.
- Information about insulation thickness or other coatings should be provided with other details necessary for the quotation.

DESIGN AND DIMENSIONS

Mareflex pipe markers can be produced in accordance with the specific requirements of our customers and can be designed to comply with one of the following regulations:

ISO 14726:2008 BS-1710 / BS-4800 ANSI/ASME A13-1 TRGS-201





Mareflex tapes and markers can be printed in any language based on translation provided by a customer.

NOMINAL PIPE DIAMETER	PIPE DIAMETER (INCH)	MARKER LENGTH (MM)	LETTER HEIGHT (MM)	ARROW HEIGHT (MM)	
DN15	0,5"	100	6,5	16	
DN20	0,75"	115	13	16	
DN25	1"	135	13	16	
DN32	1,25"	165	19	19	
DN40	1,5"	190	19	19	
DN50	2"	230	19	19	
DN65	2,5"	270	32	32	
DN80	3"	320	32	32	
DNIOO	4"	395	32	32	
DN150	б"	580	32	32	
DN200	8"	760	32	32	
DN250	10"	945	32	32	
DN300	12"	1120	32	32	
DN400	16"	1400	32	32	
DN450	18"	1580	32	32	
DN500	20"	1750	32	32	
DN750	28"	2550	32	32	



INSTALLATION TIPS

5

During application the tape should overlap 2-4 cm

Properly installed markers serve for many years and improve the level of occupational safety, helping to reduce the amount of downtime and accidents. According to the ISO 14726:2008 regulation, the following points should be considered during the installation of pipe markers:

- Markers should be installed within a 3-5m distance between each marking point on a horizontal and vertical pipeline. Branched pipes or close proximity to pipes carrying different media may require a more frequent marking.
 In case of valves, markers should be installed at a distance of approx. 75mm from the corresponding flange.
 Markers should be mounted at all penetration points in walls, bulkheads or decks.
 Markers should be installed on each side of the pipe branch.
 - In case of a vertical piping system, markers should be applied at a height of approx. 170cm to ensure good visibility.

The exact estimation of the quantity of markers and installation points is determined at the stage of material preparation. Our specialists can offer you professional advice based on the provided pipeline scheme and detailed specifications.





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