



 **MWSCPIPE**
BROCHURE



Being the pioneer and market leader in the water and waste water utility industry in the Maldives, MWSC has been diligently catering for the needs of the population for the past two decades. Today we emerge stronger than ever with our experience and expertise acquired in the industry. Our vision of transforming into a multidisciplinary engineering company has paved way in becoming the first manufacturer of high quality pipes under EN/ISO – standards.



MWSC PIPE CLASSES AND APPLICATIONS

MWSC PE/ HDPE Pipes-Black Blue and Stripe (EN 12201)

Plastic piping system for water supply, drainage and sea outfall.

MWSC u-PVC NON Pressure Pipes (EN 1401 & EN1329)

Plastic piping systems for non-pressure underground sewerage

Storm Water Drainage and Waste Water Plumbing

Under soil non-pressure sewer network

Road Cable Ducting

MWSC PVC Pressure pipes (TIS 17-2532)

Drinking Water Services.
House internal plumbing

MWSC PVC Conduit Pipes - Flexible

Conduit pipes are used to protect and route electric wiring in buildings.

WHY CHOOSE MWSC PIPES?

The pipes we produce are compatible with hot climate and harsh environmental conditions of the country.

Our locally manufactured product would be an added advantage for water and sewer projects by reducing costs and project delays.

MWSC pipes are manufactured to international standards, and quality is monitored at each step.

Local availability of MWSC pipe will minimize the need for importing and thus minimize the need for foreign currency.

Reduction in costs of storage and warehousing as MWSC Pipe will benefit local firms from minimized lead time.

“ The convenience of having locally manufactured pipes within reach goes without saying. MWSC Pipe, will be made available to the customer straight from the factory located in Gulhifalhu, thus save hassle involved in importing and storage. ”



QUALITY

Over the years of experience in contracting, the country has faced with issues resulting from the use of inferior products in plumbing and laying pipe networks. MWSC pipes are manufactured in accordance with the applicable EN/ISO standards. The fittings which will complement MWSC Pipes is also EN/ISO accredited.

WHAT DOES ISO STANDARD INDICATE?

- ➔ ISO 9001, certified companies will have set principles to help to identify and meet customers need to ensure that products are delivered specifically to customers' expectations.
- ➔ With ISO, continuous improvement is practiced throughout the system to exceed customer's expectation.
- ➔ Customers can rely on the production & timely delivery of the product and services.
- ➔ They are an assurance for the functionality and performance the system built with standardized components.



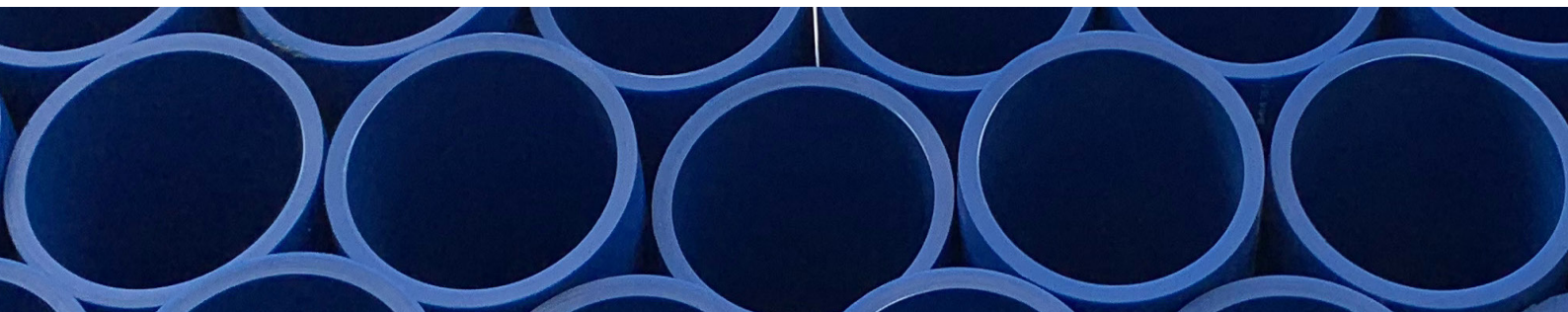
PRODUCT RANGE

MWSC HDPE PIPES-BLACK BLUE AND STRIPE (EN 12201)

Plastic piping system for water supply and drainage and sea outfall.

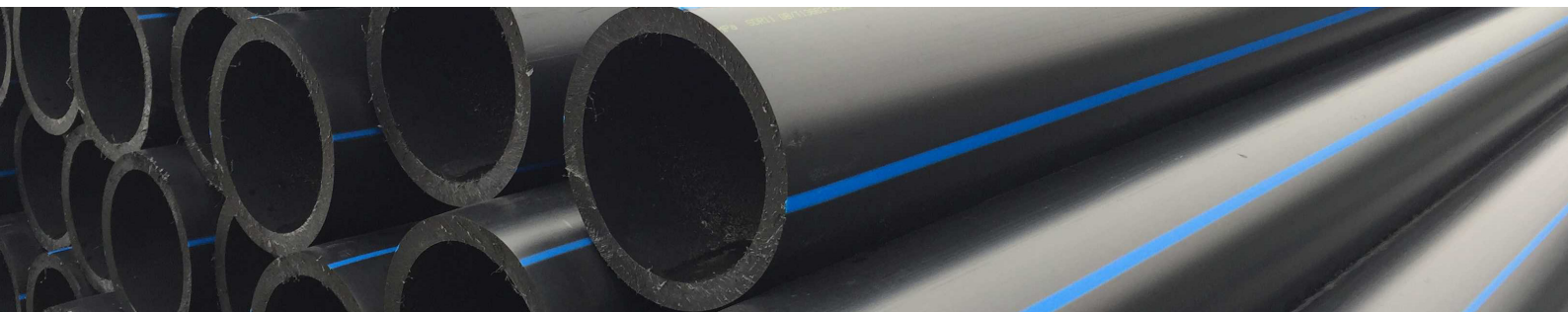
Type	Pipe Diameter (mm)	SDR	PN	Length (mm)	Approx. Weight (KG)
● Black HDPE Pipe (Coil)	25	11	16	100	14
● Black HDPE Pipe (Coil)	32	11	16	100	19
● Black HDPE Pipe (Coil)	25	17	10	100	13
● Black HDPE Pipe (Coil)	32	17	10	100	18
● Black HDPE Pipe (Coil)	63	17	10	50	36
● Black HDPE Pipe	75	17	10	5.8	6
● Black HDPE Pipe	90	17	10	5.8	8
● Black HDPE Pipe	110	17	10	5.8	12
● Black HDPE Pipe	160	17	10	5.8	27
● Black HDPE Pipe	160	11	16	5.8	32
● Black HDPE Pipe	180	17	10	5.8	33
● Black HDPE Pipe	225	17	10	5.8	52

Type	Pipe Diameter (mm)	SDR	PN	Length (mm)	Approx. Weight (KG)
● Blue HDPE Pipe (Coil)	25	11	16	100	14
● Blue HDPE Pipe (Coil)	32	11	16	100	19
● Blue HDPE Pipe (Coil)	25	17	10	100	13
● Blue HDPE Pipe (Coil)	32	17	10	100	18
● Blue HDPE Pipe (Coil)	63	17	10	50	36
● Blue HDPE Pipe	75	17	10	5.8	6
● Blue HDPE Pipe	90	17	10	5.8	8
● Blue HDPE Pipe	110	17	10	5.8	12
● Blue HDPE Pipe	160	17	10	5.8	27
● Blue HDPE Pipe	160	11	16	5.8	32
● Blue HDPE Pipe	180	17	10	5.8	33
● Blue HDPE Pipe	225	17	10	5.8	52



Type	Pipe Diameter (mm)	SDR	PN	Length (mm)	Approx. Weight (KG)
Black with Blue stripe HDPE Pipe (Coil)	25	11	16	100	14
Black with Blue stripe HDPE Pipe (Coil)	32	11	16	100	19
Black with Blue stripe HDPE Pipe (Coil)	25	17	10	100	13
Black with Blue stripe HDPE Pipe (Coil)	32	17	10	100	18
Black with Blue stripe HDPE Pipe (Coil)	63	17	10	50	36
Black with Blue stripe HDPE Pipe	75	17	10	5.8	6
Black with Blue stripe HDPE Pipe	90	17	10	5.8	8
Black with Blue stripe HDPE Pipe	110	17	10	5.8	12
Black with Blue stripe HDPE Pipe	160	17	10	5.8	27
Black with Blue stripe HDPE Pipe	160	11	16	5.8	32
Black with Blue stripe HDPE Pipe	180	17	10	5.8	33
Black with Blue stripe HDPE Pipe	225	17	10	5.8	52

Customization with stripes is possible. Eg: Green stripes



MWSC u-PVC NON PRESSURE PIPES (EN1401 & EN1329)

Plastic piping systems for non-pressure underground sewerage, Storm Water Drainage and Waste Water Plumbing, under soil non-pressure sewer network and Road Cable Ducting.

Type	Pipe Diameter (mm)	PN	Length (m)	Approx. Weight (KG)
u-PVC Non Pressure Pipe	90	4	5	6.3
u-PVC Non Pressure Pipe	110	4	5	8.2
u-PVC Non Pressure Pipe	125	4	5	9.4
u-PVC Non Pressure Pipe	160	4	5	14.7



MWSC u-PVC PRESSURE PIPES

Plastic piping systems for Drinking Water Services and internal plumbing in households.

EUROPEAN STANDARD PIPES (EN ISO 1452)

Type	Pipe Diameter (mm)	Wall Thickness (mm)	Color	Pipe Length (m)	Approx. Weight (KG)
u-PVC Pressure Pipe	16	1.5	Grey	5.8	0.6
u-PVC Pressure Pipe	20	1.5	Grey	5.8	0.8
u-PVC Pressure Pipe	20	1.9	Grey	5.8	1.0
u-PVC Pressure Pipe	25	1.5	Grey	5.8	1.0
u-PVC Pressure Pipe	25	1.9	Grey	5.8	1.2
u-PVC Pressure Pipe	32	1.6	Grey	5.8	1.4
u-PVC Pressure Pipe	32	2.4	Grey	5.8	2.0
u-PVC Pressure Pipe	40	1.5	Grey	5.8	1.7
u-PVC Pressure Pipe	40	1.9	Grey	5.8	2.0
u-PVC Pressure Pipe	40	3.0	Grey	5.8	3.1
u-PVC Pressure Pipe	50	1.6	Grey	5.8	2.2
u-PVC Pressure Pipe	50	2.4	Grey	5.8	3.2
u-PVC Pressure Pipe	50	3.7	Grey	5.8	4.7
u-PVC Pressure Pipe	63	2.0	Grey	5.8	3.4

Type	Pipe Diameter (mm)	Wall Thickness (mm)	Color	Pipe Length (m)	Approx. Weight (KG)
u-PVC Pressure Pipe	63	3.0	Grey	5.8	5.0
u-PVC Pressure Pipe	63	4.7	Grey	5.8	7.4
u-PVC Pressure Pipe	75	2.3	Grey	5.8	4.6
u-PVC Pressure Pipe	75	3.6	Grey	5.8	7.1
u-PVC Pressure Pipe	75	5.6	Grey	5.8	10.6
u-PVC Pressure Pipe	90	2.8	Grey	5.8	6.7
u-PVC Pressure Pipe	90	4.3	Grey	5.8	10.0
u-PVC Pressure Pipe	90	6.7	Grey	5.8	15.1
u-PVC Pressure Pipe	110	2.7	Grey	5.8	7.9
u-PVC Pressure Pipe	110	4.2	Grey	5.8	12.1
u-PVC Pressure Pipe	110	6.6	Grey	5.8	18.4
u-PVC Pressure Pipe	160	4.0	Grey	5.8	17.1
u-PVC Pressure Pipe	160	6.2	Grey	5.8	25.9
u-PVC Pressure Pipe	160	9.5	Grey	5.8	38.7

U-PVC PRESSURE PIPE (THAI STANDARD, TIS17-2532)

Type	Pipe Diameter (mm)	Wall Thickness (mm)	Class (PN)	Color	Pipe Length (m)	Approx. Weight (KG)
PVC Pressure Pipe	18 (1/2")	2.0	8.5	Blue	5.8	0.29
PVC Pressure Pipe	35 (1 1/4")	2.0	8.5	Blue	5.8	0.42
PVC Pressure Pipe	40 (1 1/2")	2.3	8.5	Blue	5.8	0.18
PVC Pressure Pipe	25 (1")	2.0	8.5	Blue	5.8	0.22
PVC Pressure Pipe	55 (2")	2.9	8.5	Blue	5.8	0.36
PVC Pressure Pipe	65 (2 1/2")	3.5	8.5	Blue	5.8	0.54
PVC Pressure Pipe	80 (3")	4.1	8.5	Blue	5.8	0.47
PVC Pressure Pipe	20 (3/4")	2.0	8.5	Blue	5.8	0.70
PVC Pressure Pipe	100 (4")	5.2	8.5	Blue	5.8	0.75
PVC Pressure Pipe	150 (6")	7.5	8.5	Blue	5.8	1.08
PVC Pressure Pipe	18 (1/2")	2.5	13.5	Blue	5.8	1.14
PVC Pressure Pipe	35 (1 1/4")	3.1	13.5	Blue	5.8	1.71
PVC Pressure Pipe	40 (1 1/2")	3.5	13.5	Blue	5.8	1.57
PVC Pressure Pipe	25 (1")	3.0	13.5	Blue	5.8	2.38
PVC Pressure Pipe	55 (2")	4.3	13.5	Blue	5.8	0.22
PVC Pressure Pipe	65 (2 1/2")	5.4	13.5	Blue	5.8	0.27
PVC Pressure Pipe	80 (3")	6.4	13.5	Blue	5.8	2.54
PVC Pressure Pipe	20 (3/4")	2.5	13.5	Blue	5.8	3.85
PVC Pressure Pipe	100 (4")	8.1	13.5	Blue	5.8	10.0

MWSC PE, PP AND PVC CORRUGATED CONDUIT PIPES

Plastic piping systems to protect and route electric wiring in buildings.

There are three types and colors of pipe available. Black-enamel conduit is used for dry and indoor installations. Orange conduit provides superior mechanical protection to electrical cables,

by providing insulation for below-ground electrical lines. White conduit pipe is usually used for electrical wiring containment. Which includes cable TV and Internet connection.

Type	Pipe Diameter (mm)	Length (m)	Approx. Weight (KG)
● PE, PP and PVC Corrugated Conduit Pipes	16	50/100	2//4
● PE, PP and PVC Corrugated Conduit Pipes	20	50/100	3//6
● PE, PP and PVC Corrugated Conduit Pipes	25	50/100	4//8
● PE, PP and PVC Corrugated Conduit Pipes	32	25/50	4//9
● PE, PP and PVC Corrugated Conduit Pipes	40	25/50	5//10





MWSCPIPE



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