

# OCTO MARKETING PTE LTD

*OCTO Synthetics you can trust*



○ OCTO HDPE Double Wall Corrugated Sewer Pipes

○ OCTO HDPE Double Wall Corrugated Cable Protection Pipes

○ Weholite Pipe System

○ OCTO ABS Pipes & Fittings

○ OCTO HDPE Corrugated Single / Double Wall Drainage Pipes

○ OCTO MDPE & HDPE Pipe PE80 & PE100

○ OCTO PP & PP-R Pipes

○ OCTO UPVC Pipes



# OCTO MARKETING PTE LTD

*OCTO Synthetics you can trust*

OCTO MARKETING PTE. LTD. is an established distributor for Civil Engineering Products with its base in Singapore. Our core products range from OCTO-Synthetics, Garden Innovative Edging, Green Wall Creation for Indoor & Outdoor, Sub-surface Drainage Solutions, Soil Erosion Control Products as well as Storm Water Harvesting Systems with significant applications in Building & Civil construction and infrastructure projects in both the private and government segment of the market.

We have always focused on the field of molding equipment and finished product, staying at the forefront of the industry in virtue of a leading platform.

**WE ASPIRE TO BECOME A WORLD-CLASS  
ENTERPRISE IN OUR FIELD!**



## OCTO HDPE CORRUGATED PRODUCTS



High Density Polyethylene (HDPE) is an all-around material that provides great foundation for numerous underground applications around the world. OCTO HDPE Corrugated pipes are manufactured using standard setting material of these types. The pipes are also relatively lightweight which contributed to save in transportation and installation costs. It is not brittle and therefore not prone to crack during pipe handling and installation process.

OCTO HDPE Corrugated pipe smooth inner wall surface provides excellent hydraulic flow capacity. It is also resistant to abrasion, corrosion and chemical scouring. The corrugated outer wall provides optimum strength and has the ability to support heavy loading.

OCTO HDPE Corrugated pipes are also considered a form of flexible pipe and have the ability to relax under stress. These characteristics allow distribution of its loading to surrounding soil or structures by deforming. This "smart response" ability reduces the possibilities of damage to the pipe and provides improved environmental protection.

OCTO HDPE Corrugated pipes are excellent choice for gravity flow application. As such, three types of HDPE Corrugated pipes for different application within the construction industries. They are as follow:

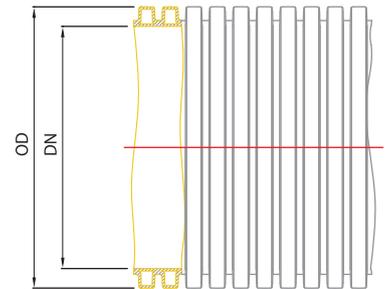
- 1. OCTO HDPE Double Wall Corrugated Sewer Pipes**
- 2. OCTO HDPE Corrugated Drainage Pipes**
- 3. OCTO HDPE Double Wall Corrugated Cable Protection Pipes**

# 1. OCTO HDPE DOUBLE WALL CORRUGATED SEWER PIPES



OCTO HDPE Double Wall Corrugated Sewer Pipes are primarily manufactured to facilitate the sewer line application within the infrastructure industries. It is a direct substitution for the conventional rigid pipes such as clay or concrete pipe systems for sewer application as it offers a better and safer system together with a better cost efficient and longer life span.

OCTO HDPE Double Wall Corrugated Sewer Pipes are extremely rugged and durable, and resistant to all chemical substances found in soil and corrosive wastewater. OCTO HDPE Double Wall Corrugated Sewer Pipes represent an important contribution to future-oriented solutions in the field of sewer line construction.



## OCTO HDPE DOUBLE WALL CORRUGATED SEWER PIPES FEATURES

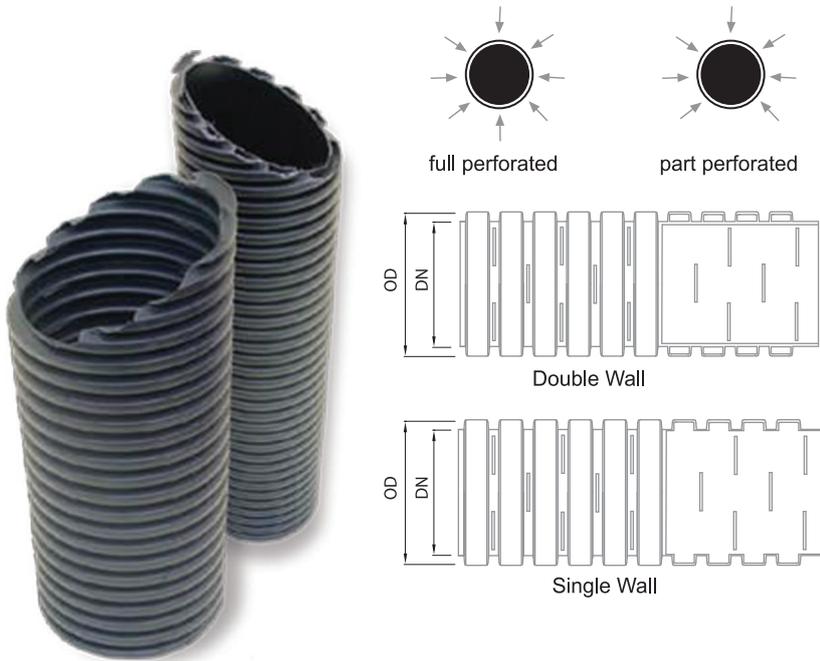
- Product application : Sewer piping system or waste water application
- Available Nominal Diameter : **DN100, DN150, DN200, DN225, DN250, DN300, DN375, DN450 & DN600**
- Standard Length available : 6m or 12m
- Secure jointing technology with push fit socket with rubber ring
- Superior chemical resistance to corrosive chemical in waste water
- Excellent physical properties which ensure pipe stability
- Smooth inner surface ensures superior hydraulic flow
- Excellent abrasion resistance ensures high durability and longer service life
- Easy handling and cost efficient as light weight
- Environmental friendly as provide 60% material saving compared to conventional pipe design and is recyclable
- Certified to **DIN16961 PT1 & 2, SIRIM, SPAN, JPP & IWK** Approved

Material	High Density Polyethylene	
Colour	Black (external) & Yellow (internal)	
DN	OD	LENGTH
100	118	6M / 12M
150	173	
200	235	
225	262	
250	292	
300	346	
375	435	
450	522	
600	701	

DN : Nominal Diameter    OD : Outside Diameter

\* All unit measurement are base on (mm)

## 2. OCTO HDPE CORRUGATED DRAINAGE PIPES



OCTO HDPE Corrugated Drainage Pipes are primarily manufactured for drainage or subsoil application and are available in either single wall (Light Duty) or double wall (Heavy Duty) and either perforated (Part / Full) or non-perforated. Minimum slop opening area (perforation) is at 50cm<sup>2</sup> per meter of pipe.

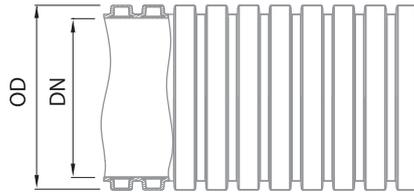
### OCTO HDPE CORRUGATED DRAINAGE PIPES FEATURES

- Product Application : Perimeter Drain or Culvert drain system , Collector drain in Subsoil System for various drainage application
- Available Nominal Diameter : **DN100, DN150, DN200, DN225, DN250, DN300, DN375, DN450 & DN600**
- Standard Length available : **6m, 12m, 30m or 50m**
- Available in single or double wall profile
- Available as perforated (Part / Full) or non – perforated
- Secure jointing technology with push fit socket with rubber ring
- Superior chemical resistance to corrosive chemical in waste water
- Excellent physical properties which ensure pipe stability
- Smooth inner surface ensures superior hydraulic flow
- Excellent abrasion resistance ensures high durability and longer service life
- Easy handling and cost efficient as light weight
- Certified to **DIN16961 PT1 & 2** and **SIRIM** Approved

Material	High Density Polyethylene				
Colour	Black (internal & external wall)				
DN	OD	Length	Single Wall	Double Wall	Perforation Design
100	118	6M / 12M / 30M / 50M	√	√	Full / Part or Non perforation are available
150	173		√	√	
200	235		√	√	
225	262	6M / 12M	X	√	
250	292		X	√	
300	346		X	√	
375	435		X	√	
450	522		X	√	
600	701		X	√	

DN : Nominal Diameter    OD : Outside Diameter  
 \* All unit measurement are base on (mm)

### 3. OCTO HDPE DOUBLE WALL CORRUGATED CABLE PROTECTION PIPES



OCTO HDPE Double Wall Corrugated Cable Protection Pipes are primarily manufactured to act as a protective barrier or casing to facilitate the installation of underground fiber optics or underground electrical cables. With its twin wall construction, corrugated outside and smooth inner wall ensure high impact resistant and easier hauling of cables. resistant and easier hauling of cables.

The used of HDPE corrugated pipes as cable protection pipes are rapidly becoming popular due to the facts of its cost efficiency and easier installation compared to previous used of pipe materials such as G.I or UPVC pipes.

#### OCTO HDPE DOUBLE WALL CORRUGATED CABLE PROTECTION PIPES FEATURES

- Product Application : Underground cable protection
- Available Nominal Diameter : DN100, DN150 & DN200
- Standard Length available : **6m, 12m, 30m or 50m**
- Available in single or double wall profile
- Secure jointing technology with push fit socket with rubber ring
- Excellent physical properties which ensure pipe stability
- Smooth inner surface ensures easier pulling of cable
- Excellent abrasion resistance ensures high durability and longer service life
- Easy handling and cost efficient as light weight
- Certified to **DIN16961 PT1 & 2, SIRIM Approved and TNB Distribution Certificate of Acceptance**

Material	High Density Polyethylene	
Colour	Red (external) & Black (internal)	
DN	OD	Length
100	118	6M / 12M / 30M / 50M
150	173	
200	235	

DN : Nominal Diameter    OD : Outside Diameter  
 \* All unit measurement are base on (mm)

# OCTO HDPE CORRUGATED PIPE FITTINGS

OCTO HDPE Corrugated pipe fittings are primarily manufactured as an integrated connection system to support all OCTO HDPE corrugated pipes in regardless of pipe applications. All OCTO HDPE corrugated pipe fittings incorporate a unique and easy push fit system that ensure quick, hassle-free assembly. In addition, rubber ring profiles are used together with all fittings to ensure leak proof connection in gravity line applications.

All fittings are manufactured using injection moulded technology and rotational moulded technology thus ensured high reliability and performance, long lasting life cycle, leak proof connection and easy operation.

## OCTO HDPE CORRUGATED PIPE FITTINGS FEATURES

- Product Application : Fittings connection system for all OCTO HDPE corrugated pipe
- Available Nominal Diameter : DN100, DN150, DN200, DN225, DN250, DN300, DN375, DN400, DN450, DN500 & DN600
- Available Fittings : Double End Socket, 45deg Bend, 90deg Bend, Tee Junction, Wye Junction, Reducing Tee Junction, Reducing Wye Junction, and End Plug
- Available Rubber Ring : DN100, DN150, DN200, DN225, DN250, DN300, DN375, DN400, DN450, DN500 & DN600
- State of the art injection moulded and rotational moulded technology, no fabrication of fitting as all fittings are produced in one piece



Material	High Density Polyethylene				
Colour	Black				
Double End Socket	Elbow 45° / 90°	Equal Junction Tee / Wye	Reducing Junction Tee / Wye	End Plug	Rubber Ring
Size					
100	100	100 X 100	150 X 100	100	100
150	150	150 X 150		150	150
200	200	200 X 200	200 X 100	200	200
225	225	225 X 225	200 X 150	225	225
250	250	250 X 250		250	250
300	300	300 X 300	225 X 150	300	300
375	375	375 X 375		375	375
400	450	450 X 450	300 X 150	450	400
450					450
500	600	600 X 600	375 X 150	600	500
600					600

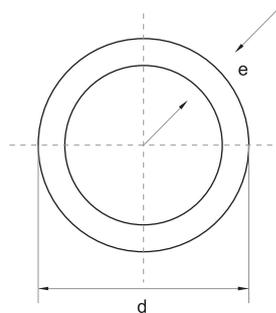
\* All unit measurement are base on (mm)





## OCTO MDPE & HDPE PIPE PE80 & PE100

OCTO MDPE & HDPE Pipes are primarily manufactured to support the potable water and gas application within the construction and infrastructure industries. OCTO HDPE pipes from diameter of 20mm to 1200mm in all pressure classes conforming to DIN8074/75, MS 1058 and ISO 4427 standards for potable water application. MDPE pipes for natural gas application however are manufactured up to 315mm only and only available for pressure class SDR17 & SDR11 conforming to the MS 1086 & ISO 4437 standards.



## OCTO MDPE PE80 GAS PIPE DIMENSION

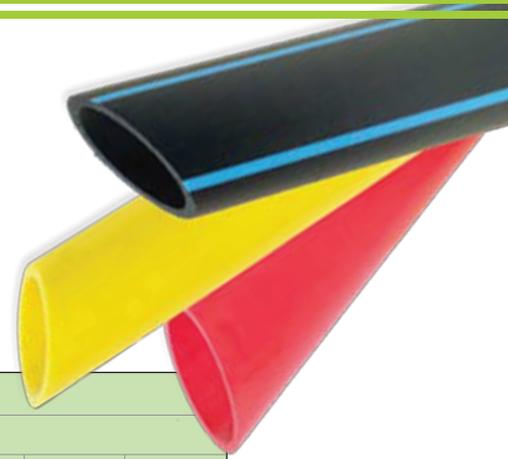
### OCTO MDPE & HDPE PIPE PE80 & PE100 FEATURES

- Product Application: Potable water supply for all residential and industries vicinity, potable gas supply and underground protection pipe for underground cabling.
- Available sizes: 20mm to 1200mm
- Available in all pressure classes ranging from SDR 11 to SDR41
- Available in MDPE & HDPE either in PE80 or PE100 material
- Standard Length : 6m, 12m, 50m or 100m
- Flexible & Light weight
- High chemical & corrosion resistance
- High Abrasion resistance compared to other pipe materials
- Superior flow characteristic due to smooth inner wall
- Resistance to UV radiation
- Numerous method of jointing: Electro Fusion, Butt Fusion, Socket Fusion, Mechanical joint.

Material	PE80 (MS 1086 & ISO 4437)	
Colour	Yellow	
SDR	SDR (S-8.3)	SDR11 (S-5)
OD (d)	PE Pipe Wall Thickness (e)	
20		3
25		3
32		3
40		3.7
50		4.6
63	3.6	5.8
75	4.3	6.8
90	5.2	8.2
110	6.3	10
125	7.1	11.4
140	8	12.7
160	9.1	14.6
180	10.3	16.4
200	11.4	18.2
225	12.8	20.5
250	14.2	22.7
280	15.9	25.4
315	17.9	28.6

OD : Outside Diameter    SDR : Standard Dimension Ratio  
 \* All unit measurement are base on (mm)

## OCTO HDPE PE80 & PE100 PIPE DIMENSION



Material	PE80 (MS 1058)					PE100 (ISO 4427)				
Colour	Black (with or without blue strip)					Black or Blue				
SDR	21	17	13.6	11	9	26	21	17	13.6	11
PN	6	8	10	12.5	16	6	8	10	12.5	16
OD (d)	PE PIPE WALL THICKNESS (e)									
20					2.3					
25				2.3	2.8					2.3
32		2.3	2.4	2.9	3.6			2.3	2.4	2.9
40		2.4	3	3.7	4.5			2.4	3	3.7
50	2.4	3	3.7	4.6	5.6	2.3	2.4	3	3.7	4.6
63	3	3.8	4.7	5.8	7.1	2.5	3	3.8	4.7	5.8
75	3.6	4.5	5.6	6.8	8.4	2.9	3.6	4.5	5.6	6.8
90	4.3	5.4	6.7	8.2	10.1	3.5	4.3	5.4	6.7	8.2
110	5.3	6.6	8.1	10	12.3	4.2	5.3	6.6	8.1	10
125	6	7.4	9.2	11.4	14	4.8	6	7.4	9.2	11.4
140	6.7	8.3	10.3	12.7	15.7	5.4	6.7	8.3	10.3	12.7
160	7.7	9.5	11.8	14.6	17.9	6.2	7.7	9.5	11.8	14.6
180	8.6	10.7	13.3	16.4	20.1	6.9	8.6	10.7	13.3	16.4
200	9.6	11.9	14.7	18.2	22.4	7.7	9.6	11.9	14.7	18.2
225	10.8	13.4	16.6	20.5	25.1	8.6	10.8	13.4	16.6	20.5
250	11.9	14.8	18.4	22.7	27.9	9.6	11.9	14.8	18.4	22.7
280	13.4	16.6	20.6	25.4	31.3	10.7	13.4	16.6	20.6	25.4
315	15	18.7	23.2	28.6	35.2	12.1	15	18.7	23.2	28.6
355	16.9	21.2	26.1	32.2	39.7	13.6	16.9	21.2	26.1	32.2
400	19.1	23.7	29.4	36.3	44.7	15.3	19.1	23.7	29.4	36.3
450	21.5	26.7	33.1	40.9	50.3	17.2	21.5	26.7	33.1	40.9
500	23.9	29.7	36.8	45.4	55.8	19.1	23.9	29.7	36.8	45.4
560	26.7	33.2	41.2	50.8	62.5	21.4	26.7	33.2	41.2	50.8
630	30	37.4	46.3	57.2		24.1	30	37.4	46.3	57.2
710	33.9	42.1	52.2	64.5		27.2	33.9	42.1	52.2	64.5
800	38.1	47.4	58.8			30.6	38.1	47.4	58.8	
900	42.9	53.3				34.7	42.9	53.3		
1000	47.7	59.3				38.5	47.7	59.3		

OD : Outside Diameter    PN : Nominal Rated Pressure    SDR : Standard Dimension Ratio

\* All unit measurement are base on (mm)



## WEHOLITE PIPE SYSTEM

Weholite pipe is a structured wall pipe, manufactured extruding a hollow rectangular profile, which is wound onto a mandrel and welded in a continuous patented process. Weholite pipes provide an alternative to polyethylene solid wall pipes as it offers substantial advantages in cost saving and greater ease of installation due to its lighter weight compared to polyethylene solid wall pipes.

Weholite represents the latest advances in both material and manufacturing technology. Its unique structure can offer a range of pipe sizes and ring stiffness. Raw material properties and product technology have been combined to provide a light weight engineering pipe for various application in municipal, industrial, road construction, rehabilitation and marine pipeline application.



- Product Application: Storm Water or Water Storage Tank, Culvert & drainage pipe, Retention Tank, Bio gas storage tank, Sewage application, Manhole system, Waste water application & Special Fittings for various application.
- Available sizes : 300mm to 2200mm
- Standard length : 6m or 12m
- Numerous jointing methods : Threaded joint, Extrusion welding, Heat Shrink Sleeves, Flex-Seal & Wall Passing / Puddle Collar
- Flexible & Light weight
- High chemical & corrosion resistance
- High Abrasion resistance compared to other pipe material
- Superior flow characteristic due to smooth inner wall
- Resistance to UV radiation



Back Drop Manhole  
( Special Applications )



Flap Gate Drainage  
Control System

Bio-gas Storage Tank /  
Storm Water Attenuation

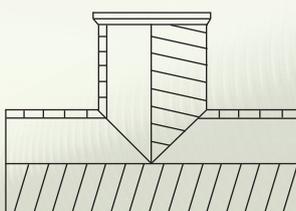


Material	High Density Polyethylene			
Standard	DIN 16961-1 : 2000 / prEN 13476			
Colour	Black ( External & Internal )			
RING STIFFNESS	SN = 4kN / m <sup>2</sup>	SN = 8kN / m <sup>2</sup>	e	Standard Length
DN (d)	OD (D)	OD (D)		
300	340	341	100	6M / 12M
400	450	455	100	
500	560	569	130	
600	675	683	155	
700	788	797	170	
800	900	910	180	
900	1013	1024	200	
1000	1125	1138	200	
1200	1350	1366	240	
1400	1575	1593	260	
1500	1680	1707	280	
1600	1792	1821	280	
1800	2016	2048	300	
2000	2240	2276		
2200	2464	2504		

**SN** : Ring Stiffness    **DN** : Nominal Diameter    **OD** : Outside Diameter    **e** : Length of Threaded Joint

*\* All unit measurement are base on (mm)*

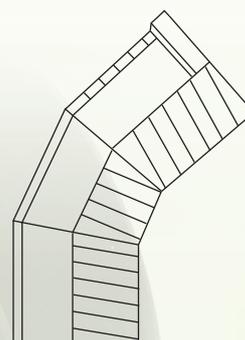
### SPECIAL FABRICATIONS



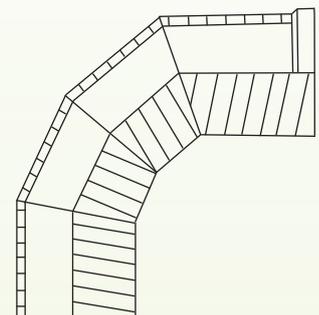
Weholite Tee



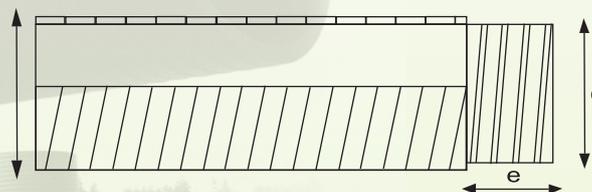
Weholite 35° Bend



Weholite 45° Bend



Weholite 90° Bend



*\* other special fittings can be*

*on request*

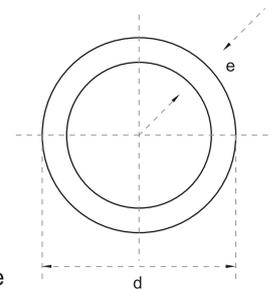


## OCTO PP & PP-R PIPES

Polypropylene (PP) is another type of thermoplastics polymer that is widely used in a variety of applications which include pipe system, packaging, textile, automotive component etc.

PP superior qualities such as its outstanding chemical and thermal resistance couple with its cost efficiency makes it a popular material of choice for piping application such as hot and cold water distribution, chemical and agricultural used in residential and industrial infrastructure.

Primarily produced PP pipes (Black) for chemical piping system and PP-R for hot and cold water distribution system.



### OCTO PP & PP-R PIPES FEATURES

- Product Application : Portable hot & cold water supply, Floor heating pipe supply, Radiator pipes, chemical supply pipes and agricultural use
- Available sizes : 10mm to 1000mm
- Standard Length : 6m, 12m, 50m & 100m
- Flexible & Light weight
- Superior Thermal properties
- High chemical & corrosion resistance
- High Abrasion resistance compared to other pipe material
- Superior flow characteristic due to smooth inner wall
- Resistance to UV radiation
- Superior impact resistant
- Non toxicity as been widely used to supply potable water
- Quick and easy installation

Material	Polypropylene (PP)		
Colour	Black		
Standard	BS 4991 : 1974		
Nominal Size (ID)		OD (d)	Pipe Wall Thickness (e)
Imperial (inch)	Metric (mm)		
1 1/2	38	48.1	2.8
2	51	60.1	3.5
3	76	88.6	5.2
4	102	113.9	6.6

OD : Outside Diameter

\* All unit measurement are base on (mm)



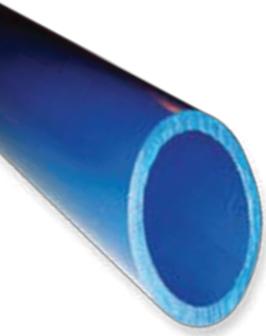
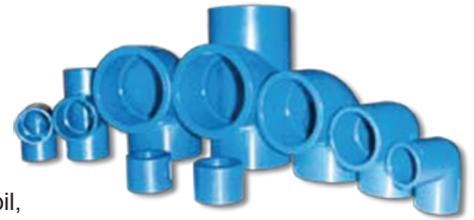
## OCTO PP-R PIPES DIMENSION

Material	Polypropylene Random Copolymer (PP-R)							
Colour	Grey							
Standard	DIN 8077 : 1997							
SDR	5	6	7.4	11	17.6	26	33	44
OD (d)	PE Pipe Wall Thickness (e)							
10	2	1.8						
12	2.4	2	1.8					
16	3.3	2.7	2.2					
20	4.1	3.4	2.8	1.9				
25	5.1	4.2	3.5	2.3				
32	6.5	5.4	4.4	2.9	1.8			
40	8.1	6.7	5.5	3.7	2.3	1.8		
50	10.1	8.3	6.9	4.6	2.9	2	1.8	
63	12.7	10.5	8.6	5.8	3.6	2.5	2	1.8
75	15.1	12.5	10.3	6.8	4.3	2.9	2.3	1.9
90	18.1	15	12.3	8.2	5.1	3.5	2.8	2.2
110	22.1	18.3	15.1	10	6.3	4.2	3.4	2.7
125	25.1	20.8	17.1	11.4	7.1	4.8	3.9	3.1
140	28.1	23.3	19.2	12.7	8	5.4	4.3	3.5
160	32.1	26.6	21.9	14.6	9.1	6.2	4.9	4
180	36.1	29	24.6	16.4	10.2	6.9	5.5	4.4
200		33.2	27.4	18.2	11.4	7.7	6.2	4.9
225		37.4	30.8	20.5	12.3	8.6	6.9	5.5
250			34.2	22.7	14.2	9.6	7.7	6.2
280			38.3	25.4	15.9	10.7	8.6	6.9
315				28.6	17.9	12.1	9.7	7.7
355				32.2	20.1	13.6	10.9	8.7
400				36.3	22.7	15.3	12.3	9.8
450				40.9	25.5	17.2	13.8	11
500					28.4	19.1	15.3	12.3
560					31.7	21.4	17.2	13.7
630					35.7	24.1	19.3	15.4
710					40.2	27.2	21.8	17.4
800					45.3	30.6	24.5	19.6
900					51	34.4	27.6	22
1000						38.2	30.6	24.5

\* All unit measurement are base on (mm)



# OCTO ABS PIPES & FITTINGS

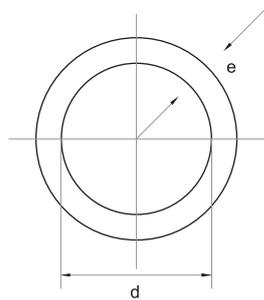


OCTO ABS Pipes & Fittings are primarily manufactured to support construction and infrastructure project which involve soil, waste, ventilation and drainage applications whether residential or industrial.

ABS stands for Acrylonitrile Butadiene Styrene. The combination of these three thermoplastic materials make ABS pipes and fittings a very strong and durable product as compared to steel or UPVC pipes. Acrylonitrile provides impact chemical resistance and rigidity to the pipes and fittings which ensure it from corrode or scale. Butadiene bestows the pipes and fittings with abrasion resistance together with tough impact strength especially when performing at low temperature. Meanwhile, Styrene provides a shiner surface with easier processing and ensures rigidity of the product.

## OCTO ABS PIPES & FITTINGS FEATURES

- Product Application : Soil, Waste, Ventilation, Drainage and potable water applications
- Available sizes : 15mm to 150mm
- Standard Length : 5.8m
- Flexible & Light weight
- High chemical & corrosion resistance
- High Abrasion resistance compared to other pipe materials
- Superior flow characteristic due to smooth inner wall
- Resistance to UV radiation
- Superior impact resistant as ABS is widely use in producing safety Helmet
- Non toxicity as been widely used to supply potable water
- Excellent thermal properties as withstand temperature range from -40°C to 70°C
- Quick and easy installation which includes solvent cement to create stronger joints



## OCTO ACRYLONITRILE BUTADIENE STYRENE (ABS) PIPES

Material		Acrylonitrile Butadiene Styrene				
Colour		Blue & Grey				
Standard		MS 1419 : PT 1997				
Class		B	C	D	E	T
PN		6	9	12	15	
Nominal Diameter (d)		PE Pipe Wall Thickness (e)				
inch	mm					
1/2	15				2	3.5
3/4	20		1.6	2	2.4	3.7
1	25		1.9	2.5	3.1	4
1 1/4	32		2.4	3.1	3.9	5.1
1 1/2	40		2.7	3.6	4.4	5.8
2	50		3.4	4.5	5.5	7
3	80	3.4	5	6.6	8.1	
4	100	4.4	6.5	8.5	10.4	
6	150	6.5	9.5	12.5	15.3	

\* All unit measurement are base on (mm)

Material		Acrylonitrile Butadiene Styrene				
Colour		Blue & Grey				
Standard		MS 1419 : PT 1997				
Y-Tee Equal	P/T Socket	Vale Socket	Plug	P/T Elbow	P/T Tee	Female Adapter
Nominal Size (mm)						
15	15	15	15	15	15	15
20	20	20	20	20	20	20
25	25	25	25	25	25	25
32	32	32	32	N/A	N/A	32
40	40	40	40	N/A	N/A	40
50	50	50	50	N/A	N/A	50
N/A	75	N/A	N/A	N/A	N/A	N/A
80	80	N/A	N/A	N/A	N/A	N/A
100	100	N/A	N/A	N/A	N/A	N/A

\* All unit measurement are base on (mm)

Material		Acrylonitrile Butadiene Styrene							
Colour		Blue & Grey							
Standard		MS 1419 : PT 1997							
90° Elbow	45° Elbow	Equal Socket	Barrel Nipple	Equal Tee	End Cap	Flange Socket	Black Flange	F/F Gasket EPDM	Ball Valve
Nominal Size (mm)									
15	15	15	15	15	15	15	15	15	15
20	20	20	20	20	20	20	20	20	20
25	25	25	25	25	25	25	25	25	25
32	32	32	32	32	32	32	32	32	32
40	40	40	40	40	40	40	40	40	40
50	50	50	50	50	50	50	50	50	50
80	80	80	80	80	80	80	80	80	80
100	100	100	100	100	100	100	100	100	100
150	150	150	N/A	150	150	150	150	150	N/A

\* All unit measurement are base on (mm)

# OCTO UPVC PIPES

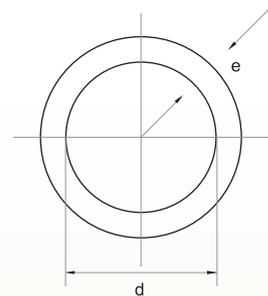
Polyvinyl Chloride commonly abbreviated PVC is one of the most widely used thermoplastics polymer in the world. Around the globe, most PVC made end products are used in the construction industries. As one of a source in building materials, PVC is inexpensive, durable and easy to assemble.

Unplasticized Polyvinyl Chloride (UPVC) is a form of PVC with added additives that generally enabled PVC material ability to be shaped or formed. Thus, UPVC pipes are extruded according to its required sizes.

OCTO UPVC Pipes are primarily manufactured to support pressure & non pressure application within the construction and infrastructure industries for the application of portable water supply, soil and waste discharge system, ventilation system and sewage application.

## OCTO UPVC PIPES FEATURES

- Product Application : Portable water supply, Soil & Waste discharge, Ventilation & Drainage system and sewage application
- Available sizes : 15mm to 200mm
- Standard Length : 4m or 6m
- Flexible & Light weight
- High chemical & corrosion resistance
- High Abrasion resistance compared to other pipe material
- Superior flow characteristic due to smooth inner wall
- Resistance to UV radiation
- Superior impact resistant
- Non toxicity as been widely used to supply potable water
- Quick and easy installation which includes solvent cement to create stronger joints

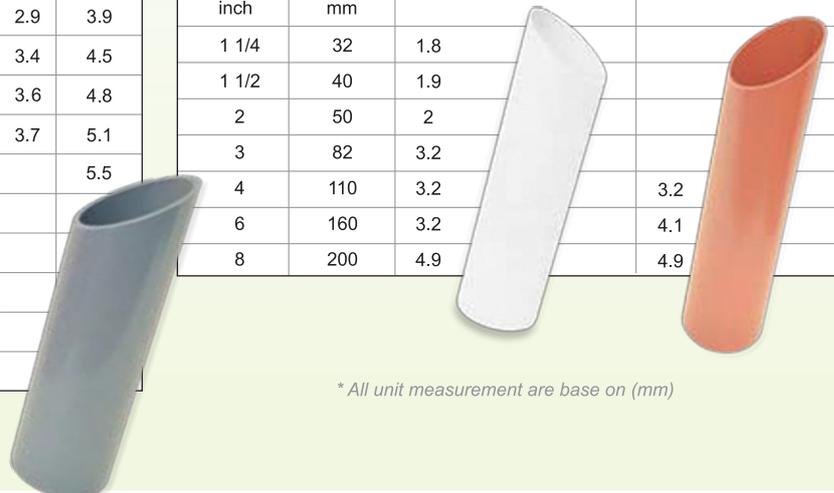


## OCTO UPVC PRESSURE PIPES WITH SOCKET END

Material		Unplasticized Polyvinyl Chloride						
Colour		Grey						
Standard		MS 762		MS 628			MS 762	
Class		O	B	C	D	E	6	7
PN		Non Pressure	6	9	12	15	20	
Nominal Size (d)		PE Pipe Wall Thickness (e)						
inch	mm							
1/2	15					1.7	2.8	3.7
3/4	20					1.9	2.9	3.9
1	25					2.2	3.4	4.5
1 1/4	32				2.2	2.7	3.6	4.8
1 1/2	40	1.8			2.5	3.1	3.7	5.1
2	50	1.8		2.5	3.1	3.9		5.5
2 1/2	65	1.8		3	3.9	4.8		
3	80	1.8	2.9	3.5	4.6	5.7		
4	100	2.3	3.4	4.5	6	7.3		
6	155	3.1	4.5	6.6	8.8	10.8		
8	200	3.1	5.3	7.8	10.3	12.6		

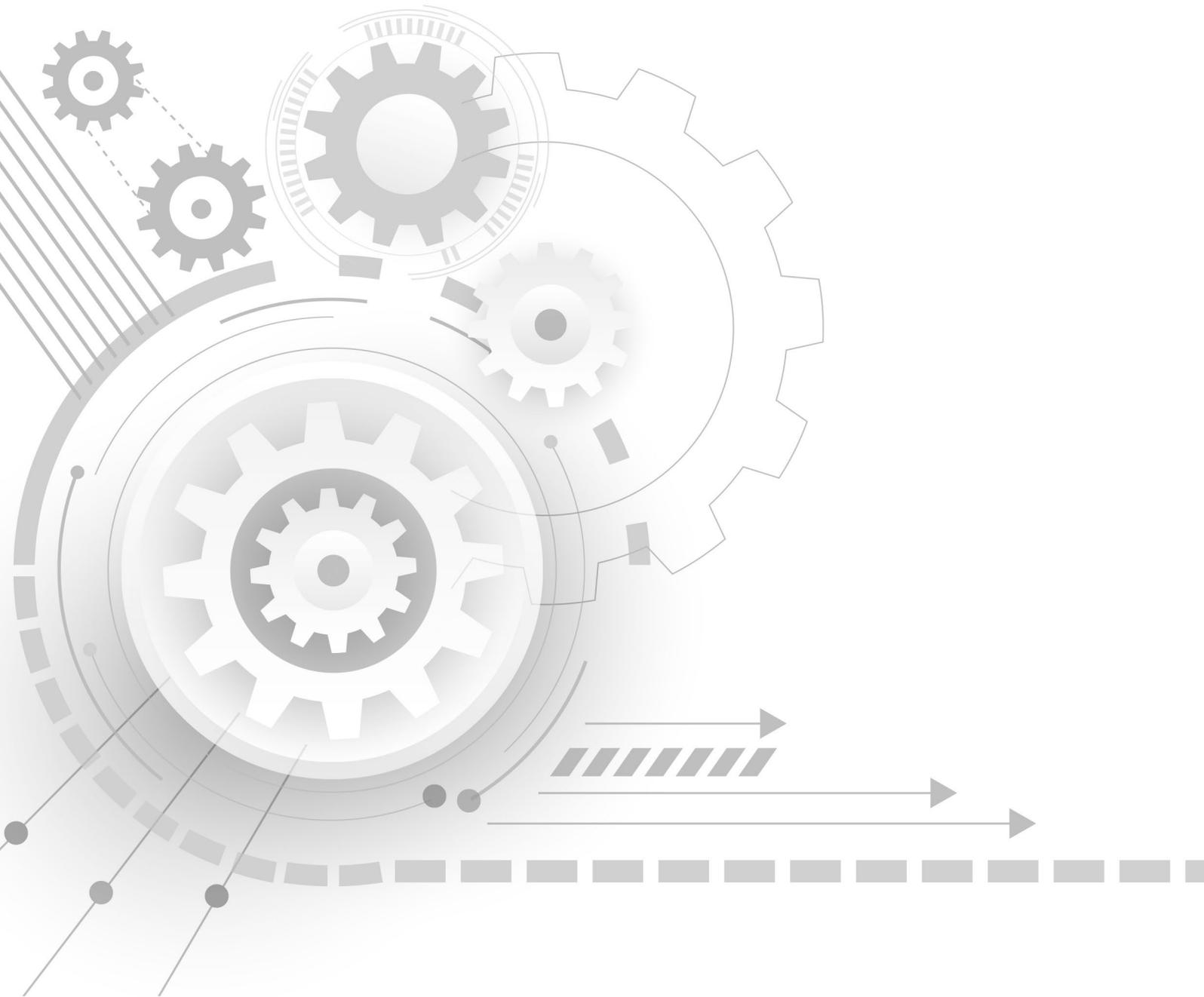
## OCTO UPVC PIPES DIMENSION

Material		Unplasticized Polyvinyl Chloride		
Colour		White		Brown
Standard		MS 978, MS 1063, BS 5255 & BS 4514		MS 979 & BS 4660
Nominal Size (d)		PE Pipe Wall Thickness (e)		
inch	mm			
1 1/4	32	1.8		
1 1/2	40	1.9		
2	50	2		
3	82	3.2		
4	110	3.2		3.2
6	160	3.2		4.1
8	200	4.9		4.9



PN : Nominal Rated Pressure

\* All unit measurement are base on (mm)



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