

# Geo Mesh Pipe Specifications

## Mesh Drainage Pipe Specifications



**NSO**

Full permeable



**NSD**

2/3 permeable



**NSH**

1/2 permeable



### Mesh Drainage Pipe straight connector specifications

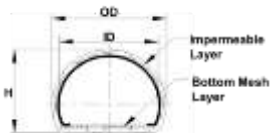
Mesh Drainage Pipe		ID*OD	Pitch	Length
Size	Code	±3.0%mm	±3.0%mm	m
1½"	NSO-40A NSD-40A	37*48	11.0mm	4m
2"	NSO-50A NSD-50A NSH-50A	48.5*61	11.5mm	4m
2½"	NSO-65A NSD-65A	62*76	12.5mm	4m
3"	NSO-75A NSD-75A NSH-75A	77*89	12.5mm	4m
4"	NSO-100A NSD-100A NSH-100A	98*114	12.5mm	4m
5"	NSO-125A NSD-125A	123*140	14.0mm	5m
6"	NSO-150A NSD-150A NSH-150A	148*165	14.0mm	5m
8"	NSO-200A NSD-200A NSH-200A	195*216	14.5mm	5m
10"	NSO-250A NSD-250A NSH-250A	239*267	14.5mm	5m
12"	NSO-300A NSD-300A	290*318	15.0mm	5m
16"	NSO-400A	390*420	15.5mm	5m

Connector		ID*OD	Pitch	Length
Size	Code	±3.0%mm	±3.0%mm	cm
1½" <b>F</b>	NSF-40A	48.5*61.0	11.5mm	12cm
2" <b>F</b>	NSF-50A	62.0*76.0	12.5mm	12cm
2½" <b>F</b>	NSF-65A	77.0*89.0	12.5mm	12cm
3" <b>F</b>	NSF-75A	90.0*105.0	12.5mm	15cm
4" <b>F</b>	NSF-100A	115.0x130.0	12.5mm	20cm
5" <b>F</b>	NSF-125A	141.0x160.0	14.0mm	20cm
6" <b>F</b>	NSF-150A	166.0x183.0	14.5mm	25cm
8" <b>F</b>	NSF-200A	217.0*240.0	14.5mm	30cm
10" <b>F</b>	NSF-250A	268.0*290.0	14.5mm	35cm
12" <b>F</b>	NSF-300A	320.0*342.0	15.0mm	40cm
16" <b>F</b>	NSF-400A	422.0*452.0	15.5mm	45cm

## DRWT-Deep Root Watering Mesh Tube (MSO) Specifications

	DRWT		ID*OD	Gap	Length	Cut Length
	Size	Code	±3.0%mm	±3.0%mm	m	cm
	2"	MSO-50A	48.5*61	11.5mm	5m	25cm, 36cm, 46cm, 60cm
	3"	MSO-75A	77*89	12.5mm	5m	36cm, 46cm, 60cm, 90cm, 120cm
	4"	MSO-100A	98*114	12.5mm	5m	46cm, 60cm, 90cm, 120cm

## Arched Mesh Pipe Specifications



### Arched Mesh Pipe straight connector specifications



Arched Mesh Pipe		ID*OD*H	Pitch	Length
Size	Code	±3.0%mm	±3.0%mm	m
2"	HPT-50A	50*62*54	11.5mm	5m
2½"	HPT-65A	63*76*70	12.5mm	5m
3"	HPT-75A	79*92*82	12.5mm	5m
4"	HPT-100A	96*114*94	12.5mm	5m
6"	HPT-150A	149*167*136	14.0mm	5m
8"	HPT-200A	193*216*170	14.5mm	5m
10"	HPT-250A	239*267*197	15.0mm	5m
12"	HPT-300A	290*318*223	15.5mm	5m

Connector		ID*OD*H	Pitch	Length
Size	Code	±3.0%mm	±3.0%mm	cm
2" <b>F</b>	HPF-50A	63*76*70	11.5mm	12cm
2½" <b>F</b>	HPF-65A	79*92*82	12.5mm	12cm
3" <b>F</b>	HPF-75A	96*114*94	12.5mm	15cm
4" <b>F</b>	HPF-100A	112*128*112	12.5mm	20cm
6" <b>F</b>	HPF-150A	168*188*158	14.0mm	25cm
8" <b>F</b>	HPF-200A	217*240*193	14.5mm	30cm
10" <b>F</b>	HPF-250A	268*290*220	15.0mm	35cm
12" <b>F</b>	HPF-300A	320*344*245	15.5mm	40cm

### Square Mesh Pipe Specifications



Size		ID*OD	Pitch	Length
mm	Code	±3.0%mm	±3.0%mm	m
<b>115*115</b>	SQO-115S	98*115	18.0mm	5m
	SQH-115S			
<b>200*200</b>	SQO-200S	180*200	22.0mm	5m

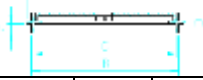
\*The Company reserves the right to modify

### Geo Mesh Pipe Accessories Specifications

#### Manhole Cover Specifications

Cast iron manhole cover Specifications

HDPE manhole cover Specifications



Size	A	B	C	D	E
<b>10"</b>	323	293	277	60	27
<b>12"</b>	374	344	328	60	27
<b>16"</b>	476	446	430	60	27

Size	A	B	C	D	E	F
<b>10"</b>	334	290	272	47	26	13
<b>12"</b>	390	342	323	58	26	26
<b>16"</b>	494	446	426	58	26	26

### DRWT Mesh Tube Cap Specifications

		Tube Cap	
		Size	Code
	<b>2"</b>	BS-50A	
	<b>3"</b>	BS-75A	
	<b>4"</b>	BS-100A	

### Reinforcement Grass Grid - Specifications

Reinforcement Grass Grid Material : High-density polyethylene (HDPE)

Reinforcement Grass Grid size : 500mm (length) \* 500mm (width) \* 50mm (height) ± 3%

Square tube diameter : 60mm \* 60mm \* 50mm (height) ± 3%

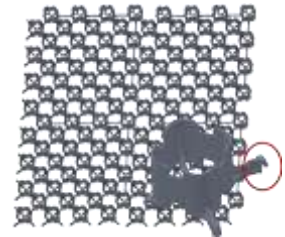
Weight: 4.0KG / M<sup>2</sup> or more

Compression square tube count : 128/ M<sup>2</sup>

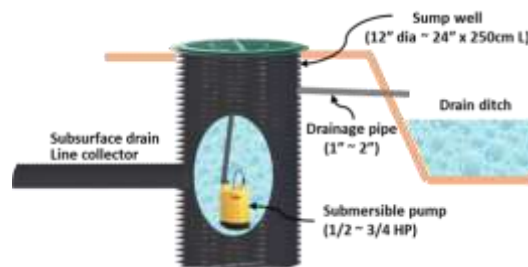
Square tube wall thickness : 2.5mm ± 3%

Reinforcement Grass Grid combination : Interlock

Grass Grid compression capability up to 150tons /square meter.



### Underground drainage pumping well-Specifications



Sump Well	Dia	Length	Manhole Cover
Drainage Mesh Pipe Well+ Arched Mesh Pipe Connector	10"	2.5m	Plastic manhole Cover
	12"	2.5m	Plastic manhole Cover
	16"	2.5m	Plastic manhole Cover
HDPE Winding Well+ Arched Mesh Pipe Connector	300mm	2.5m	Plastic manhole Cover
	400mm	2.5m	Plastic manhole Cover
	500mm	2.5m	Grille manhole cover
	600mm	2.5m	Grille manhole cover
HDPE Spiral Well+ Arched Mesh Pipe Connector	300mm	2.5m	Plastic manhole Cover
	400mm	2.5m	Plastic manhole Cover
	500mm	2.5m	Grille manhole cover
	600mm	2.5m	Grille manhole cover