

# Nircon®

TANKS • PIPES • FITTINGS



विश्वास का एक ही नाम



We are committed  
to trade our entire product range to  
meet customer satisfaction by  
ensuring consistent high quality  
with timely delivery in  
competitive price

- Wide Variety of Products
- Quality is our Priority
- Fast Delivery
- Quality Control Check
- Growth & Innovation

Why  
**Nircon**<sup>®</sup>  
TANKS • PIPES • FITTINGS

# Nircon

## About the Company:

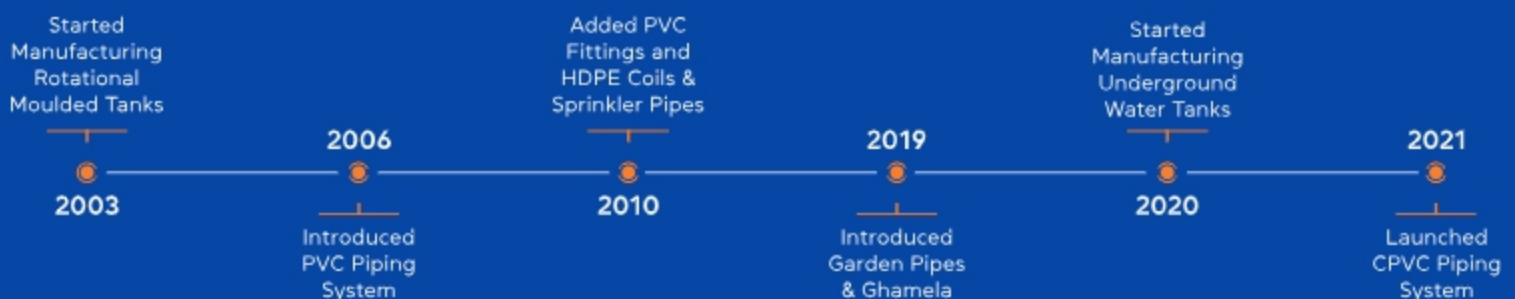
Since 2003, **Nircon Polymers Pvt. Ltd.** has developed, redefined & innovated a wide range of home, agricultural & industrial plastic products, primarily in the business of manufacturing water storage tanks & piping systems. Relentlessly innovating to create better products, tackle practical issues with installation & improve user experience. Nircon has not just kept up with times but has set new benchmarks for others to follow.

Nircon established its framework with the manufacturing variety of Rotational Moulded Water Storage Tanks and gradually entered into the piping systems market with a variety of PVC, CPVC & HDPE Piping Systems for plumbing, drainage, agricultural & industrial use.

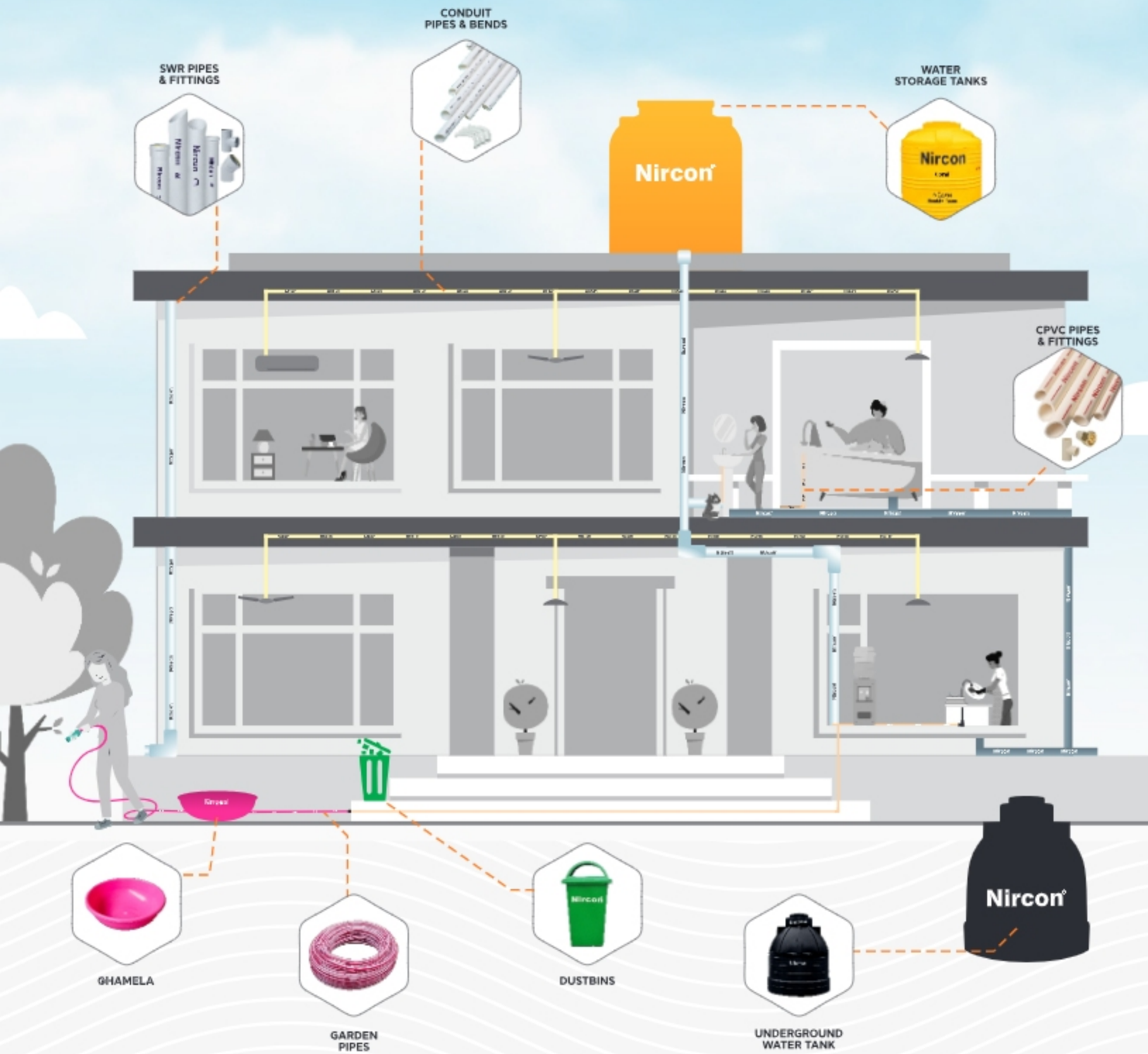
With a strong emphasis on world-class quality standards using cutting-edge technology and continuous research & development to innovate new products. Nircon has emerged as one of the leading players in the industry. Over the years, the group has developed a wide variety of products with an exhaustive range of sizes and specifications.

At Nircon, we understand your need for Quality. That is why we adhere to the most stringent quality norms. While Nircon is an ISO 9001:2015 certified company, its ISI certified products offer the highest standards of quality and great value for money.

## Milestone:



we build  
**TRUST**  
forever



## WIDE RANGE OF PRODUCTS

- WATER STORAGE TANKS
- UNDERGROUND TANKS
- LOFT TANKS & DRUMS
- GHAMELA & DUSTBINS
- GARDEN PIPES
- CPVC PIPES & FITTINGS
- SWR PIPES & FITTINGS
- CONDUIT PIPES & BENDS
- RIGID PIPES & FITTINGS
- HDPE COIL PIPES
- HDPE SPRINKLER SYSTEM
- PLUMB PIPES
- SOLVENTS

# WATER STORAGE TANKS

**SIZES:** 200L | 300L | 500/550L | 750L  
1000/ 1100L | 1500L | 2000L  
3000L | 5000L

Nircon Plastic water storage tanks are the most reliable and convenient way to store water for later use, be it for everyday household use, agricultural use or industrial use. Nircon is one the best water tank companies that offers wide range of black & colour LLDPE water storage tanks with UV in 200 Ltr to .5000Ltr from single layer to 6 layer tanks.



# WATER STORAGE TANKS

Dimension of Water Storage Tanks

Code	Capacity (Liters)	Overall Diameter (mm)	Overall Height (mm)	Diameter Manhole (mm)
NHWT-20-10	200	700	590	280
NECO-20-01	200	680	630	280
NHWT-30-014	300	725	840	280
NECO-30-01	300	730	800	280
NECO-40-01	400	795	860	400
NHWT-50-01	550	900	965	400
NECO-50-01	500	880	900	400
NHWT-75-01	750	910	1170	400
NECO-75-01	750	980	1085	400
NHWT-100-01	1100	1060	1280	400
NECO-100-01	1000	1050	1225	400
NHWT-150-01	1500	1225	1400	400
NCWT-200-01	2000	1400	1620	400
NHWT-200-01	2000	1370	1545	450
NHWT-300-01	3000	1470	1900	450
NCWT-500-01	5000	1880	2130	400
NHWT-500-01	5000	1930	1900	450

# Nircon®

TANKS • PIPES • FITTINGS



IS: 12701



## Eco

Eco is stable, durable & economical.  
Double Layer Water Tank

COLORS: ●

## Era

Era means a long span of time. Long Lasting  
Triple Layer Coloured Tank

COLORS: ○ ● ● ●

## Super

Super means higher quality.  
Triple Layer Water Tank

COLORS: ●

## Lotus

Lotus remains pure & enlightened in sunlight just  
like the flower lotus.

Highly Durable Premium Quality  
Coloured Triple Layer Tank

COLORS: ○ ● ● ●

## Force

Force represents strength & energy,  
Extra Heavy Duty.  
Coloured Triple Layer Tank

COLORS: ○ ● ●

## Forever

Forever means for all times usage.  
Highly Durable Superior Quality  
Coloured Four Layer Tank

COLORS: ○ ●

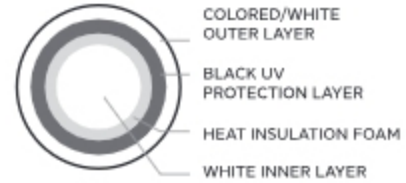
# WATER STORAGE TANKS



## Forever Foam

Forever Foam means tank for all times. This range has attractive design. These tanks are made of 4 Layers including a foam layer, every layer has a specific purpose.

**4** FOUR LAYER WITH FOAM



THREADED LID



UVSP PROTECTOR



FOOD GRADE MATERIAL



100% VIRGIN MATERIAL

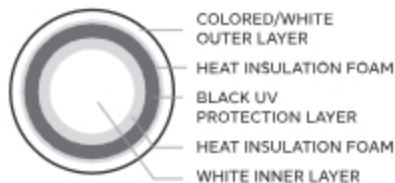
COLORS:   

SIZES: 550L | 750L | 1100L | 1500L | 2000L | 3000L | 5000L

## Elephanta Foam

Elephanta Foam symbolises stability & durability. This tank is specially designed to keep your water pure, safe & cool. These tanks are made of 5 Layers including double foam layer.

**5** FIVE LAYER WITH DOUBLE FOAM



SUITABLE FOR ALL WEATHER



THREADED LID





UVSP PROTECTOR



FOOD GRADE MATERIAL



100% VIRGIN MATERIAL

COLORS:  

SIZES: 550L | 750L | 1100L | 1500L | 2000L | 3000L | 5000L







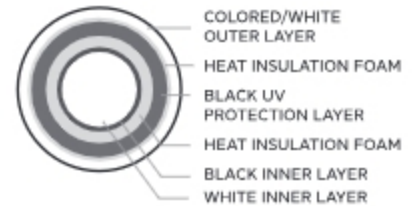
**Nircon**<sup>®</sup>  
TANKS • PIPES • FITTINGS



## CORAL

Coral signifies toughness and strong built. This tank is specially designed to keep your water safe & cool. These tanks are made of 6 Layers including double foam layer. Highly durable premium six layer colour tank with foam & UVSP.

**6** SIX LAYER WITH DOUBLE FOAM



SUITABLE FOR ALL WEATHER

THREADED LID

UVSP PROTECTOR

FOOD GRADE MATERIAL

100% VIRGIN MATERIAL

COLORS:

SIZES: 550L | 1100L | 2000L



# UNDERGROUND WATER TANK

SIZE: 2000L

Our Underground Water Storage Tank is a sturdy single moulded piece built to withstand underground pressure. Specially designed for Rain Water Harvesting & Water Storage.

## Features

- 100% virgin material
- Multi Ribbed Design
- Roto Moulding Manufacturing Design
- 100% UV Stabilised Tank
- Threaded Lid
- Lightweight & durable
- Maintenance free
- Rustproof & Hygienic
- Food Grade Plastics



THREADED  
LID



UV  
PROTECTOR



FOOD GRADE  
MATERIAL



100% VIRGIN  
MATERIAL



DURABLE

For Installation, scan the QR Code





## LOFT TANK

Loft tanks are meant for indoor use, where it is normally installed on the loft of the kitchen or bathroom as an emergency water storage tanks.

COLORS:

SIZES: 125L | 270L | 400L | 500L

### Dimension of Loft Tank:

Code	Capacity (Liters)	Length (mm)	Width (mm)	Height (mm)
NLT	125	580	580	450
	270	1020	710	470
	400	1225	960	450
	500	1440	990	430

## HOUSEHOLD DRUM

Economic Single Moulded Cylindrical Vertical Water Storage Containers.

COLORS:

SIZES: 100L | 150L

### Dimension of Household Drum:

Code	Capacity (Liters)	Overall Diameter (mm)	Overall Height (mm)	Diameter Manhole (mm)
NHD	100	440	730	300
	150	500	825	300



# GHAMELA

Ghamelas are frequently used in various purpose like: Home, Agriculture, Storage, Construction Sites etc.

COLORS:    

SIZES: INCH : 16" | 17" | 18"

## Features:



LIGHT WEIGHT  
& EASY TO CARRY



EASY TO  
WASH & MAINTAIN



FOOD GRADE  
MATERIAL



STRONG &  
DURABLE



PREMIUM  
QUALITY



# DUSTBINS

Specially Designed for Hotel, Offices  
Shopping Complex, Multiplex Hall  
Shops, Restaurants, Park  
Building etc ...

SIZES: 80Ltr. | 100Ltr. | 120Ltr.

## Features:



LIGHT WEIGHT  
& EASY TO CARRY



EASY TO  
WASH & MAINTAIN



PREMIUM  
QUALITY



## GARDEN PIPES

Nircon Garden pipe is a flexible tube used for gardening, organic farming at home, constructions sites, industries, & also for cleaning pets, equipment etc.

COLORS:    

SIZES: INCH :  $\frac{1}{2}$ " |  $\frac{3}{4}$ " | 1" |  $1\frac{1}{4}$ " |  $1\frac{1}{2}$ "  
MM : 15 | 20 | 25 | 32 | 40

LENGTH: 30M

RANGE: DELTA | AQUA | FORCE

VARIANT: PLAIN | MILKY | TRANSLUCENT | ZEBRA

### Features:



KINK & CRACKS  
FREE



NO HARMFUL  
CHEMICALS



FLEXIBLE &  
LEAK PROOF



EASY  
HANDLING



DURABLE



**CPVC**

Advanced  
Plumbing System  
for Hot and Cold Water



## CPVC PIPES & FITTINGS

Nircon CPVC plumbing system is designed for Hot and Cold water which is suitable for all plumbing and potable water application. It has a proven tolerance for Hot and Cold water performance. Its corrosion resistance property makes it usable in all weather & ensures constant flow over lifetime. This system is used in industrial, residential, commercial and public complexes.

### Applications:



HOT & COLD  
PLUMBING



RESIDENTIAL  
PURPOSES



TRANSFERENCE OF  
DRINKING WATER



CARRYING  
CORROSIVE FLUIDS



INDUSTRIAL  
USE

### Features:



CORROSION  
RESISTANT



HIGH  
STRENGTH



UV  
RESISTANT



MAINTENANCE  
FREE



SELF  
EXTINGUISHING

**Dimensions:**

Nominal Size		SDR-11			
		Wall Thickness (t) in mm		Working Pressure at	
mm	Inch	Min	Max	27°C	82°C
15	1/2"	1.70	2.20	27.60	6.80
20	3/4"	2.00	2.50	27.60	6.80
25	1"	2.60	3.10	27.60	6.80
32	1 1/4"	3.20	3.70	27.60	6.80
40	1 1/2"	3.80	4.30	27.60	6.80
50	2"	4.90	5.50	27.60	6.80



**ELBOW 90°**



**TEE**



**COUPLER**



**RED. COUPLER**



**BALL VALVE**



**MAPT**



**FAPT**



**END CAP**



**REDUCING ELBOW**



**REDUCING TEE**



**TANK NIPPLE**



**END PLUG**



**REDUCING BUSH**



**UNION**



**RED. BRASS ELBOW**



**RED. BRASS TEE**



**MABT**



**FABT**



**REDUCING MABT**



**REDUCING FABT**

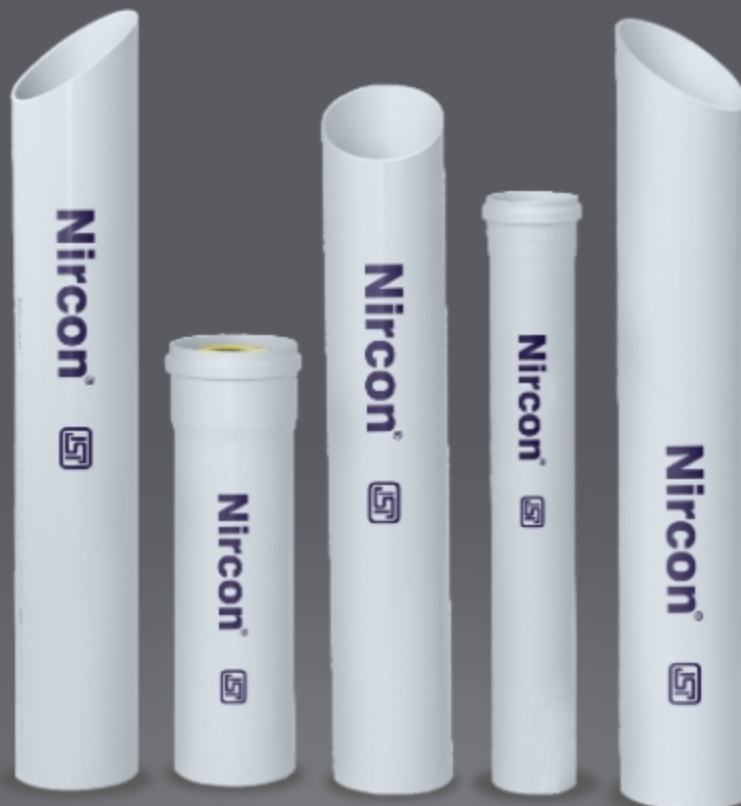
# SWR PIPES & FITTINGS

Nircon SWR piping system is an effective solution for Soil, Waste and Rainwater. They have varied application across commercial, industrial, housing & public sector. Our continuous focus towards quality and customer feedback helps us provide innovative SWR solutions in the market. Now with World Class Seals, Ultra fit ensures a leak proof joint and long lasting performance.

**Ring-O-Socket:** With ring type socket at one end, available in 75mm to 160mm sizes

**Selfit SWR PVC Pipes:** Available in 75mm to 160mm sizes

## Features:







**Dimension of Ring fit SWR Pipes (All Dimension in mm) as per IS: 13592**

Nominal Outside Diameter	Mean Outside Diameter		Outside Diameter at any Point		Wall Thickness	
	Min	Max	Min	Max	Min	Max
75 A	75.0	75.3	74.1	75.9	1.8	2.2
75 B	75.0	75.3	74.1	75.9	3.2	3.8
110 A	110.0	110.4	108.6	111.4	2.2	2.7
110 B	110.0	110.4	108.6	111.4	3.2	3.8
160 A	160.0	160.5	158.0	162.0	3.2	3.8
160 B	160.0	160.5	158.0	162.0	4.0	4.6

IS: 13592



**RING FIT:**



**PLAIN BEND**



**DOOR BEND**



**PLAIN TEE**



**DOOR TEE**



**CLEANSING PIPE**



**PLAIN Y TEE**



**DOOR Y TEE**



**SHOE 45°**



**SOCKET**



**PLAIN DOOR TEE**



**DOUBLE DOOR TEE**



**REDUCER SOCKET**



**RED. PLAIN TEE**



**RED. DOOR TEE**



**RINGS**

**SELF FIT:**



**PLAIN BEND**



**DOOR BEND**



**PLAIN TEE**



**DOOR TEE**



**SHOE 45°**



**SOCKET**



**PLAIN Y TEE**



**DOOR Y TEE**



**VENT COWL**



**PIPE CLIP**



**DOOR CAP**



**RED. PLAIN TEE**



**RED. DOOR TEE**



**RED. SOCKET**



**NAHANI TRAP**



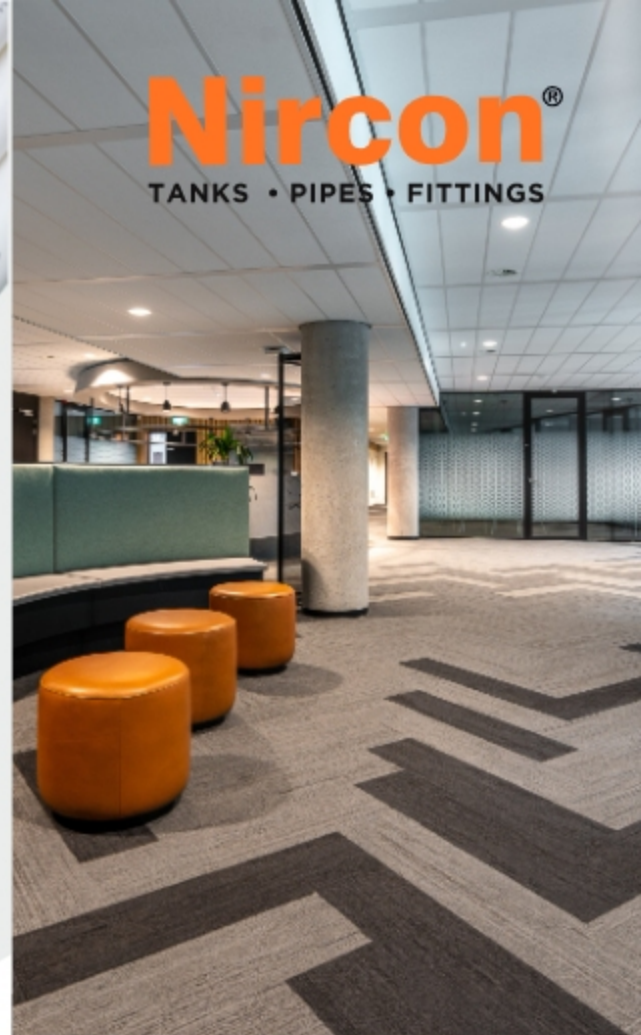
**P TRAP**



**S TRAP**



**SOLVENT**



## CONDUIT PIPES & BENDS

Nircon offers high quality uPVC Conduit Pipes that cater to the requirements of numerous sectors and industries. Their smooth interior finish facilitates easy drawing of wires in electrical systems and a host of features that make them an excellent choice for concealed as well as visible wiring.

### Features:



### Dimension of Conduit Pipes (All Dimension in mm) as per IS: 9537: 1983 (Part-3)

Nominal Size	Outside Diameter	Tolerance on OD	Inside Diameter (Min)		
			LIGHT	MEDIUM	HEAVY
20	20	-0.3	17.4	16.9	15.8
25	25	-0.4	22.1	21.4	20.6
32	32	-0.4	28.6	27.8	26.6

IS: 9537





## **RIGIDPIPES & FITTINGS**

Agriculture or Rigid Piping Systems are made from highest grade quality resin. These pipes & fittings are mainly used for water supply in agriculture, drip irrigation & sprinkler lines as well as for drinking water distribution. However, these can also be used in cable ducting, ventilation pipe lines & slurry lines etc.

Available in sizes of outer diameter 63 mm to 200 mm in pressure rating of 2.5kg/cm<sup>2</sup> to 6.0 kg/cm<sup>2</sup>

**Features:**



**Dimension of UPVC Pipes (All Dimension in mm) as per IS: 4985 : 2021**

Nominal Outside Diameter	Mean Outside Diameter		Wall Thickness					
			Class 1 (0.25 MPA)		Class 2 (0.40 MPA)		Class 3 (0.60 MPA)	
	Min	Max	Min	Max	Min	Max	Min	Max
40	40.0	40.3	-	-	-	-	-	-
50	50.0	50.3	-	-	-	-	-	-
63	63.0	63.3	-	-	1.5	1.9	2.2	2.7
75	75.0	75.3	-	-	1.8	2.2	2.6	3.1
90	90.0	90.3	1.3	1.7	2.1	2.6	3.1	3.7
110	110.0	110.4	1.6	2.0	2.5	3.0	3.7	4.3
140	140.0	140.5	2.0	2.4	3.2	3.8	4.8	5.5
160	160.0	160.5	2.3	2.8	3.7	4.3	5.4	6.2
180	180.0	180.5	2.6	3.1	4.2	4.9	6.1	7.1
200	200.0	200.6	2.9	3.4	4.6	5.3	6.8	7.9



PLAIN TEE



ELBOW



COUPLER



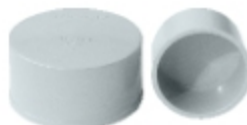
SHOE 45°



RED. SOCKET



RED. TEE



END CAP



FABRICATED COUPLER



# HDPE COILS & SPRINKLER PIPES

IS: 14151  
(Part-2)



Nircon also manufactures high quality HDPE Coil Pipes. These pipes are made of high density Poly Ethylene Polymers and offer many advantages over traditional pipes. Nircon Plus HDPE Pipes are available in PE-63, PE-80 and PE-100 and range 20mm to 100mm sizes in pressure ratings of PN-2.5, PN-4.0, PN-6, PN-8 and PN-10.

Nircon manufactures high quality HDPE Sprinkler Pipes with various unique advantages as compared to traditional pipes. These are low maintenance, high durability pipes allow efficient, hassle-free sprinkler set ups.

## Features:



CORROSION  
RESISTANT



HIGH  
STRENGTH



UV  
RESISTANT



EASY TO  
INSTALL



CHEMICAL  
RESISTANT



NON CONDUCTOR  
OF HEAT & ELECTRICITY



EASY TO  
REPAIR & REPLACE



## Dimension of HDPE Sprinkler Pipe (All Dimension in mm)

Nominal Size	Outside Diameter	Nominal Tolerance on Outside Diameter	Class 1		Class 2	
			LIGHT	MEDIUM	LIGHT	MEDIUM
63	63	+0.6	-	-	2.00	2.40
75	75	+0.7	2.00	2.40	2.50	2.90
90	90	+0.8	2.20	2.60	2.90	3.40
110	110	+1.0	2.70	3.20	3.40	3.90

### Application

- Telephone Cable Duction
- Waste Water Distribution
- Portable Water Supply
- Irrigation & Agriculture
- Slurry Transportation
- Industrial Effluents
- Gas Transmission
- Sprinkler System
- Chemical Industries
- Tubewells

# SPECIFICATION OF HDPE COIL PIPES

Wall Thickness of HDPE Pipes (PE-63) for pressure ratings of IS: 4984-2016 (All Dimensions in mm)

Diameter DN	SDR 33		SDR 21		SDR 13.6		SDR 11	
	PN 2.5		PN 4		PN 6		PN 8	
	Min	Max	Min	Max	Min	Max	Min	Max
20	-	-	-	-	-	-	1.9	2.2
25	-	-	-	-	1.9	2.2	2.3	2.6
32	-	-	-	-	2.4	2.7	2.9	3.3
40	-	-	1.9	2.2	3.0	3.4	3.7	4.2
50	-	-	2.4	2.7	3.7	4.2	4.6	5.2
63	-	-	3.0	3.4	4.7	5.3	5.8	6.5
75	2.3	2.6	3.6	4.1	5.6	6.3	6.9	7.7
90	2.8	3.2	4.3	4.8	6.7	7.5	8.2	9.1
110	3.4	3.8	5.9	6.6	8.1	9.0	10.0	11.1

Wall Thickness of HDPE Pipes (PE-80) for pressure ratings of IS: 4984-2016 (All Dimensions in mm)

Diameter DN	SDR 41		SDR 26		SDR 17		SDR 13.6		SDR 11	
	PN 2.5		PN 4		PN 6		PN 8		PN 10	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
16	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	1.9	2.2
25	-	-	-	-	-	-	1.9	2.2	2.3	2.6
32	-	-	-	-	1.9	2.2	2.4	2.7	2.9	3.3
40	-	-	-	-	2.4	2.7	3.0	3.4	3.7	4.2
50	-	-	2.0	2.3	3.0	3.4	3.7	4.2	4.6	5.2
63	-	-	2.5	2.9	3.7	4.2	4.7	5.3	5.8	6.5
75	1.9	2.2	2.9	3.3	4.5	5.1	5.6	6.3	6.9	7.7
90	2.2	2.5	3.5	4.0	5.3	5.9	6.7	7.5	8.2	9.1
110	2.7	3.1	4.3	4.8	6.5	7.3	8.1	9.0	10.0	11.1

Wall Thickness of HDPE Pipes (PE-100) for pressure ratings of IS: 4984-2016 (All Dimensions in mm)

Diameter DN	SDR21		SDR 17		SDR 13.6	
	PN 6		PN 8		PN 10	
	Min	Max	Min	Max	Min	Max
16	-	-	-	-	-	-
20	-	-	-	-	-	-
25	-	-	-	-	1.9	2.2
32	-	-	1.9	2.2	2.4	2.7
40	-	-	2.4	2.7	3.0	3.4
50	-	-	3.0	3.4	3.7	4.2
63	-	-	3.7	4.2	4.7	5.3
75	3.6	4.1	4.5	5.1	5.6	6.3
90	4.3	4.8	5.3	5.9	6.7	7.5
110	5.9	6.6	6.5	7.3	8.0	9.0



IS: 4984





# PLUMB PIPES

# Nircon®

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Nircon uPVC Plumbing Pipes are an excellent alternative to GI pipes for water supply. Their smooth bores and non-corrosive constitution allow for quick and continuous supply of water and minimal maintenance costs. These can withstand high pressure and ensure proper hygiene.

## Features:



CORROSION  
RESISTANT



DURABLE



INERT TO  
CHEMICAL



MOISTURE  
PROOF



SELF  
EXTINGUISHING



WEATHER  
RESISTANT



## Dimension of ASTM Heavy Pressure Pipes

Nominal Outside Diameter	Mean Outside Diameter	SCHEDULE 40		SCHEDULE 80	
		Wall Thickness		Wall Thickness	
		Min	Max	Min	Max
1/2	21.24	2.77	3.28	3.73	4.24
3/4	26.57	2.87	3.38	3.91	4.42
1	33.27	3.38	3.89	4.55	5.08
1 1/4	42.03	3.56	4.07	4.85	5.43
1 1/2	48.11	3.68	4.19	5.08	5.69
2	60.17	3.91	4.42	5.54	6.20

## Applications:

- PVC cold water plumbing
- Vertical riser lines and ring lines
- Mainlines for water distribution
- Piping for swimming pools
- Industrial plumbing for chemical (for specified chemicals and cold temp. Liquids only)
- Ro water systems and DM plants



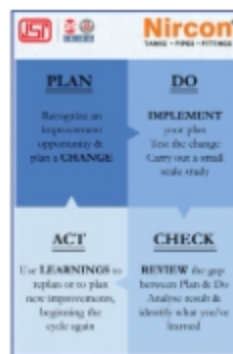
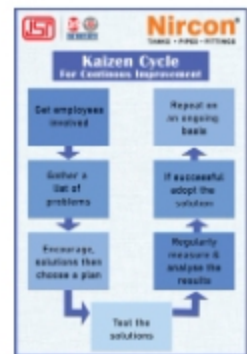
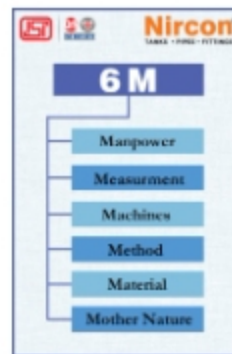
# Quality Control Check

The consistent quality of Nircon products are made possible by an advanced manufacturing facility, equipped with the latest machinery. Nircon has been awarded the ISO 9001:2015 certification for its efficient, streamlined operation and great quality control.

## Multi-Level Quality Control Mechanism:

You can be assured that every Nircon product that reaches you has undergone exhaustive quality analysis at every step of production, to make sure that you receive the same world-class quality each time. Some of the mandatory production tests are:

- Collapse Test
- Dimensional and Visual Inspection & Compression Test
- Bending Test
- Migration Test
- Reversion Test
- Vicat Softening Temperature Test
- Resistance to Sulphuric Acid
- Density Test
- Impact Strength Test
- Hydraulic Characteristics (Pressure Test)
- Ash Content Test
- Opacity Test
- CBC Test
- Tensile Strength
- CBD Test
- MFI Test



## Vision:

To be the most valued and connected company to our customers, partners, co-workers & community & create impact, growth & opportunity for everyone.

## Mission:

To constantly improve, build & provide plastic-based plumbing, drainage and water storage solutions to the society for better quality of life.

## Our Morals:

Provide positive solutions to our customers by giving high-quality products & services.

**Team Work:** Our ability to work together as a team is the best way to move towards a common goal. We all are humans & we respect our customers, partners & co-workers .

**Integrity:** The strength of the company derives from the integrity of its people. We are admired and respected for our commitment, honesty, trust and transparency.

**Excellence:** Perfection is not attainable, but if we chase perfection, we can catch excellence. Everyday, everything we do, challenge ourselves and work hard.

**Relationship:** Relationships are the fertile soil from which all advancement, all achievement, all success in real life grows. We build strong partnerships while interacting at all levels.

**Sustainability:** We practice to increase our environmental responsibilities, concentrating and bringing change for a reasonable future.



Note:

The information in this catalogue is intended to provide general notes on our products and their uses. It should not be constructed as guaranteeing specific properties of the products described or their suitability for a particular application. This statement does not affect the statutory rights of a customer. Due to continuous product development, The specification mentioned in this brochure are subject to change without notice. All sizes and volumes mentioned herein are approximate.

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