



CELEBRATING

43

YEARS

1980-2023

*Hygienic pipes
for a healthy living*



HYCOUNT

Count High on Hycount



**LATE PROF.
M K A HAMEED**

The Founder

"Hope is both the earliest and the most indispensable virtue inherent in the state of being alive. If life is to be sustained hope must remain, even where confidence is wounded, trust impaired."

This was perhaps, a dictum the professor in question fervently practiced. Born in the year 1929, the third son of a celebrated Travancore trader was unarguably a man larger than life. Losing his father at an early age and at the wake of a slowdown in the family trading, he had to strive to complete his formal education. He worked hard to secure a seat at the Madras University at a time when very few from Kerala made it for a professional degree course. It is from here that he graduated as a chemical engineer. Kerala, an agricultural state by and large was at this time at the threshold of an industrial revolution. FACT was launched at Udhagamandal, Kochi. The professor took his first assignment here. During his tenure here he received a marriage proposal. Little did he know how much his life was to change.

Legendary cashew king, Thangal Kunju Musliar (TKM) sought the young Engineer's consent for his daughter. It was after this that he was given another offer - to build TKM's Engineering College. Taking to it like fish to water, he organised a team to build what is perhaps Kerala's greatest monument to technical education. He was made the vice principal. After his stint as vice principal, the professor went abroad to do his masters - University of Mississippi. He returned to take over as the principal of TKM Engineering College. Quick to discern between the policies of the management and the students, he soon won the adulation of both. Today, the institution acknowledges his principles with a national level technical symposium- MEXSYM. Having made a profound and lasting impact on his students and co staff, Prof bid adieu to field of education and relocated to his home town. With elections around the corner, the town was rife with political tension. He was made to contest as an independent candidate backed by the Marxist party and thus carved a place in the political history of Kerala. Along with the then chief minister EMS Namboodiripad they set up Kerala's very first planning board for which the prof served as the vice chairman . The collapse of the Marxist government in the late seventies and his exit from the political arena, brought about the next turning point in his life, his truest calling perhaps - entrepreneurship. To date no one really knows why he made this career switch, although various reasons are cited. He chose to manufacture PVC pipes. A product, the markets of Kerala barely knew. He broke through a traditional market which catered only GI pipes. The man noted for his humbleness and patience, thus set new standards in the horizons of business acumen.



Our Vision

- To maintain the brand leadership and market leadership in plumbing and electrical solutions.
- Sustained long term growth on an eco-friendly manner.
- To be a responsible corporate.

Guiding Principles

- Hycount is a development driven organization and the constant innovation of the various dimensions of entrepreneurship is a fundamental criterion.
- Quality is our ultimate selling point. It is the one facet that is placed in the highest attains of our system.
- Highest customer satisfaction is the foundation on which Hycount has been built on, and striving to maintain it will always remain our top most priority.



Hycount specializes in the manufacturing of PVC Pipes, CPVC Pipes, Garden Hoses, Solvent Cement, Electrical Wiring Pipes, Water Tanks with an installed capacity of more than 20,000 tons.



Hycount products are manufactured using 100% virgin raw materials to keep clean water clean.



Hycount products are hygienic and free from rust, corrosion and incrustation.



Hycount brand comes with Hycount Golden Hologram to give added guarantee.



Hycount is an ISO 9001 : 2008 & ISO 14001 : 2004 company certified by British Standard Institution (BSI), London, England.



Hycount was awarded Rajiv Gandhi National Quality Award, the highest quality award in India and Hycount is the only PVC manufacturing company to receive this award three times.



Hycount has ISI license as per IS: 4985:2000, IS: 9537 Part 3, IS: 7834.



Hycount possesses several government agencies approval such as Kerala Water Authority, Kerala Agro Industry and possesses certification from Export Promotion Council and NSIC

People Who Believe in Quality

Hycount PVC pipes are the most widely used pipes all over Kerala in the water distribution market and sanitary sewer pipe applications. Its light weight, high strength, and low reactivity make it particularly well-suited to this purpose.

In India, Hycount has grown to become one of the best known brands. We are the market leaders in Kerala, with an installed capacity of over 20,000 Metric tons per annum produced at different locations in the State.

Hycount continues to be the pioneer in the plastic industry. We keep innovating and incorporating the latest technology. Over the years, we have added many new products to our range. Quality has been the hallmark of Hycount. A reason why we continue to be one of the most preferred brands in the southern part of India.

High on Ethics

We are committed to our business based on ecological and economic sustainability and ethical practices. We are also committed to the protection and care of the environment and prevention of pollution. The organisation operates under conditions prescribed under the Environmental Protection Act and in accordance with the relevant environmental legislation. The organisation seeks to minimise waste, promote recycling, and reduce energy consumption and harmful emissions.

Wherever possible we strive to work with suppliers, who themselves have sound environmental policies so that at every stage, from raw material to the end product, the impact on the environment is minimised.

The objectives and targets are publicized throughout the organisation and all employees are committed to their achievement. We have continuous interaction with all stakeholders, both governmental and non-governmental for formulation and modification of the policy.

Count on Efficiency

■ State-of-the-art facilities

Hycount products are manufactured under strict quality control. We have the latest machinery and state-of-the-art technology. The best raw materials are used. Our products are hygienic and free from rust, corrosion and incrustation. Indeed Hycount makes homes healthy and happy for generations.

■ An extensive dealer network that ensures availability

With over 4000 dealers across Kerala, Hycount products are available to the consumers everywhere. Hycount brand comes with Hycount Golden Hologram to give added guarantee.

■ A client list that includes all the leading builders

Our products are preferred by those who are quality conscious. Our customers range from individuals to leading builders.



Hycount High on Expertise

Hycount has an extensive product range including Rigid PVC Pipes, Garden Hoses, Solvent Cement , Electrical Wiring Pipe and allied products for multi-purposes.

Product Details				
Sl. No.	Brand Name	Product	Specification	Range
1	Hycount	ISI Marked Pasting Type Rigid PVC Pipes (UPVC)	ISI: 4985:2000	20 mm to 200mm OD with different classes
2	Hycount Handsome	Pasting Type Rigid PVC Pipes	ISI: 4985:2000	20 mm to 200 mm OD with different classes
3	Hycount Hyper	Threaded Type Rigid PVC Pipes	GI equivalent	1/2" to 2 1/2" ID
4	Hycount Hextra	Extra Thick Rigid PVC Plumbing Pipes	IS: 4985 : 2000	20 mm to 50 mm OD
5	Hycount Hydrain	Rigid PVC Pipes for Drainage Purpose	-	75 mm to 200 mm OD
6	Hycount Hydroflex	Semi Translucent - Green Garden Hose	-	1/2", 3/4", 1"
7	Hycount Hybrite	Semi Translucent - Fluroscnt Green Garden Hose	-	1/2", 3/4", 1"
8	Hycount Hyflex	Green Garden Hose	-	1/2", 3/4", 1"
9	Hycount Hytrans	Transparent Clear Garden Hose	-	1/2", 3/4", 1"
10	Hycount Hyblaze	Semi Translucent - Fluroscnt Blue Garden Hose	-	1/2", 3/4", 1"
11	Hycount Hyblu	Semi Translucent - Dark Blue Garden Hose	-	1/2", 3/4", 1"
12	Hycount Hybond	Slovent Cement with Brush	-	50 ml, 100 ml, 250 ml & 1ltr.
13	Hycount CPVC	CPVC Plumbing Pipe	IS 15778	SDR 11, 13.5. OD 20mm – 40mm
14	Hycount Hyconnect	ASTM Standard Plumbing Pipe	D 1785	OD 3/4" – 1"
15	Hycount Helectra	Electrical Wiring Pipe	IS: 9537 Part 3	OD 16 – 25 (L, M)



Plumbing Solutions

PVC Pipes

- Manufactured using virgin raw material
- High strength and everlasting quality
- Smooth finish for maximum flow of water
- All products conforming to ISI

■ Type Tests

Tests carried out whenever a change is made in the composition or in the size series in order to establish the suitability and the performance capability of the pipes.

■ Acceptance Tests

Tests carried out on samples taken from a lot for the purpose of acceptance of the lot.

■ Virgin Material

Material in such form as granules or powder that has not been subjected to use or processing other than that required for its manufacture and to which no reprocessible or recyclable material (s) have been added.

■ Own Rework Material

Material prepared from rejected unused pipes, including trimmings from the production that will be reprocessed in a manufacturers plant by a process such as extrusion and for which the complete formulation is known.

Refer table for UPVC Pipe dimensions

Dimensions of Unplasticised PVC Pipes are IS 4985 : 2000
(Clauses 7. 1. 1. and 7. 1. 2) All dimensions are in mm

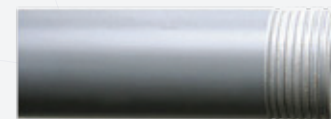
Nominal outside Diameter	Tolerance on outside Diameter	Class 1 2.5 kg / cm ²		Class 2 4 kg / cm ²		Class 3 6 kg / cm ²		Class 4 8 kg / cm ²		Class 5 10 kg / cm ²		Class 6 12.5 kg / cm ²	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	+0.3									1.1	1.5	1.4	1.8
25	+0.3							1.2	1.6	1.4	1.8	1.7	2.1
32	+0.3							1.5	1.9	1.8	2.2	2.2	2.7
40	+0.3					1.4	1.8	1.8	2.2	2.2	2.7	2.8	3.3
50	+0.3					1.7	2.1	2.3	2.8	2.8	3.3	3.4	4.0
63	+0.3			1.5	1.9	2.2	2.7	2.8	3.3	3.5	4.1	4.3	5.0
75	+0.3			1.8	2.2	2.6	3.1	3.4	4.0	4.2	4.9	5.1	5.9
90	+0.3	1.3	1.7	2.1	2.6	3.1	3.7	4.0	4.6	5.0	5.7	6.1	7.1
110	+0.4	1.6	2.0	2.5	3.0	3.7	4.3	4.9	5.6	6.1	7.1	7.5	8.7
140	+0.5	2.0	2.4	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9	9.5	11.0
160	+0.5	2.3	2.8	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2	10.9	12.6
180	+0.6	2.6	3.1	4.2	4.9	6.1	7.1	8.0	9.2	9.9	11.4	12.2	14.1
200	+0.6	2.9	3.4	4.6	5.3	6.8	7.9	8.9	10.3	11.0	12.7	13.6	15.7



Hycount Hyper

G.I. Equivalent Threaded Type Rigid PVC Pipes

Both end threaded PVC pipes with extra wall thickness are available in the range of 1/2 to 2 1/2 inches. These pipes are manufactured to suit the GI fittings in their range. Threaded pipes are not covered under any standard specification. Hence threaded pipes will not bear an ISI marking.



Hycount Hybond Plus

Solvent Cement

Hycount Hybond is a universal solvent cement for efficient leak free connection of PVC and CPVC pipes and fittings. It is a heavy bodied high strength, medium setting, and PVC solvent cement formulated for application in joining larger PVC pipes. Hycount Hybond Plus comes along with a brush that is specially developed by Hycount.

Available in sizes – 50 ml, 100 ml, 250 ml and 1 L



Hycount Garden Hoses

- Made with virgin PVC (Poly Vinyl Chloride) & DOP (Di-Octyl Phthalate)
- Easy to use
- Anti corrosive properties
- Smooth inner surface for easy flow of water
- Attractive colours for aesthetic purposes
- Available in standard rolls of 30, 50 & 100 mtrs

Hycount CPVC

Chlorinated Poly Vinyl Chloride (CPVC) is a thermoplastic pipe and fitting material made with CPVC compounds. CPVC can handle temperatures up to 200°F (90°C). Due to its smooth internal surface, CPVC pipes can be used to carry water for long distances without worrying about pressure loss, pitting or scaling. It is also energy efficient, as it performs excellently under tough conditions, and is very easy to handle and install. CPVC can withstand corrosive water at temperatures greater than PVC, typically 40°C to 50°C (104°F to 122°F) or higher, contributing to its popularity as a material for water piping systems in residential as well as commercial construction.

- Unaffected by chlorine present in the potable water supply
- Corrosion resistant
- CPVC is significantly more ductile, allowing greater flexure and crush resistance
- Available sizes : SDR – 11, 13.5; OD – 20 to 40 mm



Hycount Hyclear



Hycount Hydroflex



Hycount Hyflex



Hycount Hyblaze



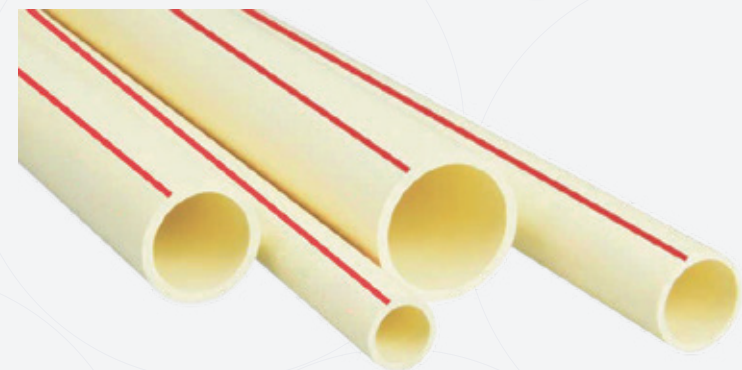
Hycount Hybrite



Hycount Hytrans



Hycount Hyblu



Hycount Hyline

- DOP only formulation
- Wall thickness of each size is specified and produced based on long term research for high durability.
- Smooth exterior and interior causes higher launch ability of product and efficient flow of water respectively
- Colours available - Green & White.
- Sizes available: - 3/4 inch, 1 inch, 1 1/4 inch, 1 1/2 inch, 2 inch, 2 1/2 inch, 3 inch, 4 inch



Hycount Hyconnect ASTM Pipe

ASTM Schedule PVC pipes are highly durable, with high tensile and impact strength and are available in Schedule 40, Schedule 80. Schedule 40 pipe has thinner walls, so it is best for applications involving relatively low water pressure. Schedule 80 pipe has thicker walls and is able to withstand higher PSI (pounds per square inch).

- Generally resistant to most acids, bases, salts, aliphatic solutions oxidants, and halogens. ASTM Pipe exhibits excellent physical properties and flammability characteristics.
- Typical applications include: potable water systems, water and wastewater treatment, drainage, irrigation, agricultural.
- Available sizes: 3/4", 1"



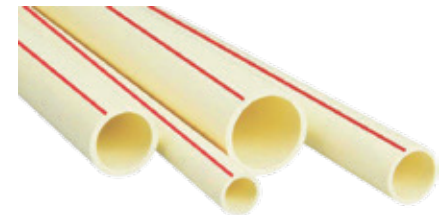
PVC Pipe



Hycount Hybond Plus



Garden Hoses



Hycount CPVC

Hycount Hyrise Column Pipe

Hycount Hyrise Column Pipe is used in borewell applications even for requirements of 1000 feet above. To withstand high pressure and stresses caused due to suspension of column pipe at very long depths, we have incorporated several features which are unique in its design and manufacturing. Kindly find below the salient features of our product.

■ Special Nylon Lock Features

For locking coupler with pipe, Nylon material is used which is of high strength and more durable than material based locks, as Nylon material does not rust like Metal

■ Process of Nylon Locking

Step 1: Nylon wire is inserted to Angled hole in column pipe using lathe machine

Step 2: After tightening of Nylon wire in column pipe, angled hole is filled with white cement

Step 3: Nylon lock sticker is pasted on top of set white cement

Features

- Tapered square threads for tight coupling of pipe and coupler
- Thick – thin manufacturing for maintaining wall thickness in thread areas
- Rings for sealing



Size	Class	Pressure	Maximum Depth Feet	Standard Packing
1"	V4 12.5	12.5 KGF/CM2	430 FEET	25
1"	V4 15	15 KGF/CM2	500 FEET	25
1"	CRYSTAL	21 KGF/CM2	730 FEET	25
1 1/4"	V4 12.5	12.5 KGF/CM2	430 FEET	25
1 1/4"	V4 15	15 KGF/CM2	500 FEET	25
1 1/4"	CRYSTAL	21 KGF/CM2	660 FEET	25
1 1/2"	V4 15	15 KGF/CM2	500 FEET	25
1 1/2"	CRYSTAL	21 KGF/CM2	690 FEET	25
2"	V4 15	15 KGF/CM2	500 FEET	15
2"	CRYSTAL	21 KGF/CM2	690 FEET	15



Electrical Solutions

Hycount Helectra - Electrical Wiring Pipe / Conduit Pipe

Just like any other Hycount products, our conduit pipes are also made using virgin raw material which are sourced from the best suppliers in India. Each one of our products undergoes rigorous testing before introduction to the market. Product conforms to IS: 9537 : Part 3.






- Available in black and white colour
- Available sizes: 16 mm light, 16 mm medium, 20 mm light, 20 mm medium, 25 mm light, 25 mm medium (All sizes conforms to ISI Standards).
- Standard Packing for 16mm & 20mm – 100 no's and 25mm – 50 no's






Size	Outside Diameter	Tolerance on outer Diameter	Inside Diameter			Wall Thickness			Standard Length (meters)
			Light	Medium	Heavy	Light	Medium	Heavy	
16	16 mm	-0.3 mm	13.7 mm	13 mm	12.2 mm	1.0 mm	1.35 mm	1.75 mm	3
20	20 mm	-0.3 mm	17.4 mm	16.9 mm	15.8 mm	1.15 mm	1.4 mm	1.95 mm	3
25	25 mm	-0.4 mm	22.1 mm	21.4 mm	20.6 mm	1.25 mm	1.6 mm	2.0 mm	3



IS:9537

PERIODICAL QUALITY TESTS

	Name of test	Nature of test
	Test of marking	The marking shall be indelible by petroleum spirit.
	Test of inner diameter	The inner diameter shall be verified by means of a GO gauge
	Test of minimum outer diameter	The minimum outer diameter shall be measured by means of a NO GO gauge.
	Test of maximum outer diameter	The maximum OD shall be measured by means of a GO gauge.
	Resistance to burning	When subject to a high intensity flame for 30 seconds, the conduit shall not burn by itself, after removing the flame.

	Name of test	Nature of test
	Resistance to heat	The Conduit is subjected to 60°C in a hot air oven and the resistance to heat is measured by means of the testing apparatus.
	Compression test	Force in the range of 125 N to 1250 N is applied depending on the class of conduit by means of the compression test apparatus. The dimensions should comply with the standards after release of compression pressure.
	Bending test	Bending test is conducted, by bending with the aid of spring and test apparatus, to 180 degrees. No cracks should appear after the test. Samples, which are cooled up to -5°C are also subject to the same test
	Insulation test	The conduits are tested for insulation at minimum 500 mega ohms.
	High voltage test	The conduits are subject to 2000 V AC by means of the Test apparatus. No break down shall occur during the test.

OUR BANKING PARTNER



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Hycount is the only pipe manufacturer who has won the Rajeev Gandhi National Quality Award, the highest award for quality in the country, thrice in a row.



IS:4985



IS:9537



www.hycount.com

