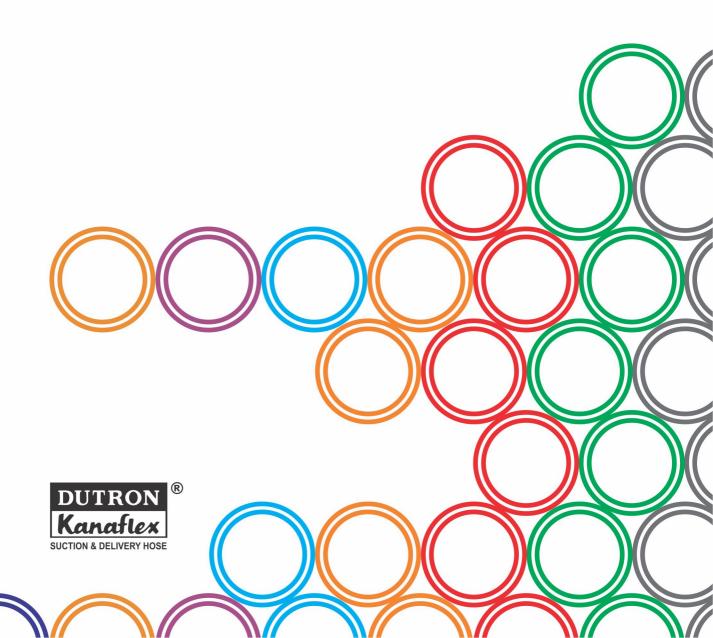


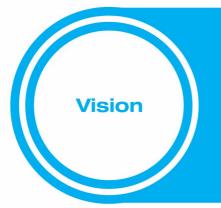
Spreading Joy. **Enhancing** lives.











To become an ethical, intuitive and value-based company of global reach with an ability to produce superior quality products using the latest in technology and infrastructure.



To maintain and constantly raise our standards in plastic industry, and attain the highest level of customer service and earn respect and credibility from our customers









Dutron Group

For many decades, Dutron Group is rated as one of the most renowned manufacturers of plastic pipe systems in India. Starting our operations as a modest plastic pipe manufacturing facility in 1962 in Ahmedabad, we went on to create the first specimens of PVC Suction Hoses in India nine years later in 1971 with technical assistance from Totaku Industries Inc., Japan – world's largest manufacturer of Kanaflex Suction Hose. With many years of industry experience, today Dutron has emerged as the most reliable name in the plastic pipe industry.

During 1980s, Dutron further expanded to manufacture and market Braided PVC Hoses and Flat Delivery Hoses which was again first time in India as convenient and economical alternative to rubber hoses. During 1990s, HDPE Pipes & Fittings and Rigid PVC pipes & fittings manufacturing facilities were built with world class technology. Decade of 2000 saw further growth of Dutron and addition of CPVC Pipes and fittings to its product basket.

Today, with four decades of expertise in plastics processing, Dutron group has emerged as a leading manufacturer and supplier of plastic pipes and fittings in India. It is a BSE listed public company since 1994.

With regular exports to several countries in Middle East, Asia, South East Asia, Australia and North America, Dutron products enjoy a commendable market share in plastic pipes the world over.

PRODUCTION AND R & D FACILITY

Dutron group's manufacturing plants are located at three places in India's industrial state of Gujarat – Vatva, Bharuch and the state-of-the-art plant in Kheda. Dutron offers products made from plastics – Poly Vinyl Chloride (PVC), High Density PolyEthylene (HDPE) and Chlorinated Poly Vinyl Chloride (CPVC) for all types of piping applications in several markets:

- Civil: Irrigation, Drainage, Sewer and Gardening
- Industries : Chemicals, Effluents, Air, Food
- Utilities: Water, Gas, Cable Ducting
- Building & Construction : Plumbing, Soil, Waste & Rain Water (SWR), Construction Watering

ACHIEVEMENTS

At Dutron, where quality is an attitude, total quality assurance procedure ensures adherence to perfection in standards and consistency. Dutron has ISO 9001:2008 certification and many ISI licenses for its various products. Dutron has received several export awards from the PLEXCONCIL of India in the past. Dutron's presence in the international markets speaks of its level of product quality and services. Dutron's dealers in India are spread across almost every town throughout the county.

Dutron's successful presence in the international markets is a testimony to its product quality and services. Dutron's dealers in India are spread across almost in every town throughout the country. With more than four decades to its credit in the industry, today Dutron truly means spreading joy and enhancing lives of every stakeholders.



Milestones

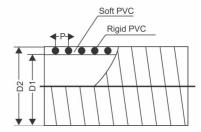




Products



SUCTION & DELIVERY HOSE



Manufactured with the technical know how from Totaku Industries Inc., Japan. Suitable for Suction and Delivery of various materials. Made by adequate reinforcement secured by proper placement of hard spirals of rigid PVC in soft PVC wall that imparts strength and flexibility.

MEDIUM DUTY (GREEN)



Key Features:

- · Light in Weight
- · Flexibility is retained no cracks or brittleness
- No kinking, bulging or bursting even in the most serious working conditions
- · Excellent resistance to high vacuum/pressure

O Applications:

 Medium Duty Suction & Delivery of water for irrigation purpose in agriculture, saline water, light acids, alkalis and other chemicals except solvents

Available Sizes:

• 20 mm to 100 mm I.D.

O Pressure at 30°C:

- Working Pressure 3.5kg/cm² to 7kg/cm²
- Bursting Pressure 11kg/cm² to 24kg/cm²

HEAVY DUTY (GREY)



Key Features:

- · Abrasion resistant
- No kinking, bulging or bursting even in the most serious working conditions
- Excellent resistance to high vacuum/pressure and external impact

O Applications:

 Heavy Duty Suction and Delivery of abrasive materials in industries like coal & mineral in mines, stone & lime in quarries, shipping, sewerage disposal, aqua culture, paper mills, cement, chemicals, petrochemicals, oil exploration, construction, fire fighting equipments, etc.

O Available Sizes:

• 25 mm to 300 mm I.D.

- Working Pressure 2.5kg/cm² to 8kg/cm²
- Bursting Pressure 6kg/cm² to 25kg/cm²





Key Features:

- · Very light in weight
- Extra flexible, hence easy to install
- · Rigid outer reinforcement, hence easy handling

Applications:

· Light duty Suction and Delivery, Conveying air and gases, Cold and warm air installation, Cooling of motors, Heating Ventilating and Air Conditioning systems, Fume removal, Handling Dust and Light Materials, Vacuum Cleaning equipment, Transporting wheat and other cereals, Transporting powder, gases, liquids.

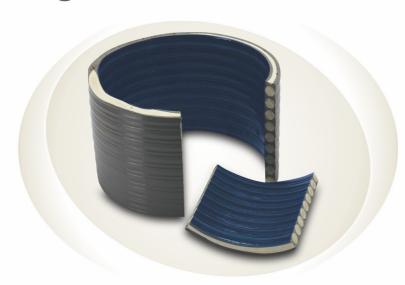
Also Available:

· Duct Hose - Heavy with square type corrugated outer surface

Available Sizes:

• 22 mm to 300 mm I.D.

HEAVY DUTY FOR HIGHER ABRASION RESISTANCE



Key Features:

- · PU Layer on inside surface for higher abrasion resistance
- No Kinking, bulging or busting even in the most serious working conditions
- Excellent resistance to high vacuum / pressure and external impact

Applications:

· Heavy Duty Suction and Delivery of highly abrasive materials such as sand, coal, stone, lime, mud, ready mix concrete

O Available Sizes:

• 50 mm to 300 mm I.D.

- Working Pressure 2.5kg/cm² to 8kg/cm²
- Bursting Pressure 6kg/cm² to 25kg/cm²





OIL HOSE (BLUE)



Key Features:

- · More flexible than rubber hoses
- Made from special polymer compound that provides resistance to oil and other chemicals
- No kinking, bulging or bursting even in the most serious working conditions
- · No Aging
- Excellent resistance to high vacuum / pressure, external impact
- High flow rate due to smooth inside surface leading to minimum friction loss and saving energy

O Also Available with Copper Wire:

 Oil hose provided with copper wires inlaid in the wall, it allows suction and discharge of highly inflammable products as copper wire provides for conduction of static charges generated

O Applications:

 Suction and Discharge of oils, conveying Diesel fuels, Kerosene, Liquid Petroleum products, Lubricating oils, Mineral oils, Light oils, Transformer oils

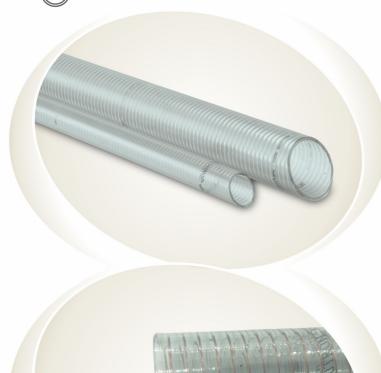
O Available Sizes:

• 25 mm to 100 mm I.D.

O Pressure at 30°C:

- Working Pressure 4kg/cm² to 8kg/cm²
- Bursting Pressure 14kg/cm² to 22kg/cm²

NON-TOXIC HOSE (TRANSPARENT) (FOOD GRADE)



With copper wire

Key Features:

- Made from special non-toxic ingredients, that provide safe use in food products
- No kinking, bulging or bursting even in the most serious working conditions
- No Aging
- Excellent resistance to high vacuum / pressure and external impact
- Total transparency allows one better visualization of the ticket of the products
- Its total smooth internal surface does not allow setting of residues, preventing contaminations

Also Available with Copper Wire:

 In special sizes and non-toxic flexible hose with copper conductive wire for conduction of antistatic charges generated

Applications:

 Suction and Discharge of beer, wine, milk, beverages, ice-cream, chocolates, peppermint, cereals and other food items

Available Sizes:

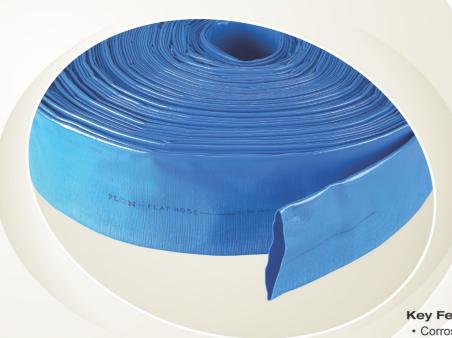
• 50 mm to 100 mm I.D.

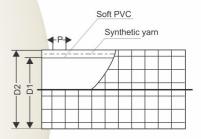
- Working Pressure 3.5kg/cm² to 5kg/cm²
- Bursting Pressure 11kg/cm² to 16kg/cm²





Made of Flexible PVC with synthetic yarn reinforcement to provide extra strength.





Key Features:

- Corrosion Free
- Requires minimum storage space
- · Tough and puncture proof
- Remains soft and pliable even under subzero temperatures

O Applications:

 As delivery/discharge hose, in agriculture, at construction sites, mines and quarries, marine use in ships, transferring corrosive chemicals and liquids etc.

Available Sizes:

• 25 mm to 300 mm I.D.

- Working Pressure 3kg/cm² to 6kg/cm²
- Bursting Pressure 6kg/cm² to 18kg/cm²

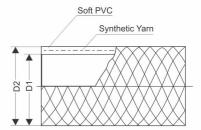








Made by reinforcement (Braiding) of synthetic yarn in between two or more layers of Soft PVC. The yarn is reinforced in crosswise as well as in longitudinal directions. This provides high pressure carrying capacity as well as good flexibility.



AIR/PNEUMATIC (TRANSPARENT)



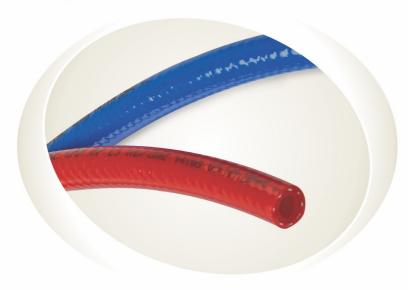
Key Features:

- Superior to conventional rubber hoses
- · Light weight
- · Withstands High Pressure
- Rodent Proof
- · Crush and kink resistant
- · Resistant to Oil, light chemicals and moisture

Applications:

- Transfer of High Pressure air in Industries, with compressor and pneumatic operations, Rock drilling, Road digging, Air Stations for vehicle tyres, heavy duty water, chemical and gases
- Available Sizes:
 - 5 mm to 50 mm I.D.
- O Pressure at 30°C:
 - Working Pressure 10kg/cm² to 25kg/cm²

WELDING HOSE (RED/BLUE)



Key Features:

- Light Weight
- · Superior to conventional rubber hoses
- Separate red and blue colors for easy identification

Applications:

 Oxy-acetelene welding and cutting equipments in all types of industrial workshops, ship building repair and breaking yards, service stations, garages etc.

Available Sizes:

- 6 mm to 12 mm I.D.
- O Pressure at 30°C:
 - Working Pressure 25kg/cm²







Key Features:

- · Lower weight
- Economical
- Kink resistant

O Applications:

- Water conveying for irrigation projects and gardening
- O Available Sizes:
 - 12 mm to 25 mm I.D.
- O Pressure at 30°C:
 - \bullet Working Pressure 5kg/cm 2 to 7kg/cm 2





CONSTRUCTION WATER HOSE (YELLOW)



Key Features:

- UV Resistant
- · More tough hence longer service life
- Kink resistant

O Applications:

 Conveying of water for engineering, construction and industrial development sites

Available Sizes:

• 12 mm to 25 mm I.D.

O Pressure at 30°C:

• Working Pressure 5kg/cm² to 7kg/cm²

SUPER SPRAY HOSE (YELLOW) & CAR WASHING HOSE (BLACK)



TO THE REPORT OF STREET AND STREE

Key Features:

- Made with double braiding to provide extra strength
- Superior and light weight compared to rubber hoses
- Special material for Car Washing Hose to withstand oil and grease contamination

O Applications:

- Pesticide, insecticide, fungicide and weeding spraying
- Pressure washing of vehicles in service stations

O Available Sizes:

• 10 mm to 12 mm I.D.

O Pressure at 30°C:

• Working Pressure 30kg/cm² to 40kg/cm²



SPRAY HOSE (GOLDEN YELLOW) & CAR WASHING POWER HOSE (BLACK)



Key Features:

- Unique technology
- First and only product made in India of this kind
- Made by full weaving of synthetic yarn in between two thermoplastic layers
- · Very light weight
- · Economical, yet superior quality
- Special material for Car Washing Power Hose to withstand oil/grease contamination

Also Available:

 Hose with Factory fitted brass couplings/hose barb crimped at both ends for ready-to-use applications

O Applications:

 Pesticide, insecticide, fungicide and weeding spraying, High pressure washing of vehicles in service stations, High pressure pneumatic lines in mines, compressors, excavators etc.

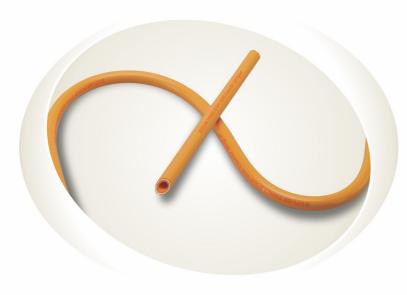
O Available Sizes:

• 8.5 mm to 12 mm I.D.

O Pressure at 30°C:

- · Spray Hose :
 - Bursting Pressure 120kg/cm² to 150kg/cm²
- · Car Washing Power Hose:
 - Bursting Pressure 200kg/cm² to 225kg/cm²





Key Features:

- Unique technology
- First and only product made in India of this kind
- Made by full weaving of synthetic yarn in between two thermoplastic layers
- · Very light weight
- Economical, yet superior quality
- · Very high pressure carrying capacity
- Better abrasion resistance
- Longer life than Spray Hose

O Applications:

 Very high pressure spraying of pesticide, fungicide, insecticide and weeding applications

Available Sizes:

• 8.5 mm I.D.

O Pressure at 30°C:

Bursting Pressure 225kg/cm²





ROCK DRILL HOSE (GOLDEN YELLOW)



Key Features:

- · Unique technology
- · First and only product made in India of this kind
- Made by full weaving of synthetic yarn in between two thermoplastic layers
- Very light weight
- · Economical, yet superior quality

O Applications:

 Heavy duty pneumatic rock drilling applications in quarries, marble/granite mines, drilling in hard surfaces like road, concrete etc.

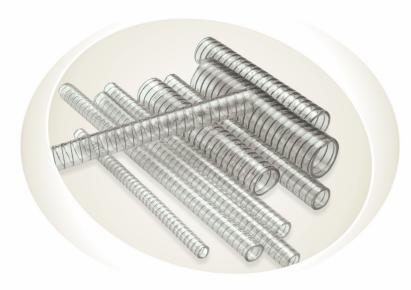
Available Sizes:

• 20 mm to 25 mm I.D.

O Pressure at 30°C:

• Bursting Pressure 90kg/cm² to 100kg/cm²

STEEL WIRE HOSE (TRANSPARENT)



Key Features:

- Embedded Spiral Steel Wire reinforcement inside wall of flexible PVC Tubing
- Made from non-toxic compound that provides safe use in the food products
- Lightweight
- High elastic abrasive resistance
- Kink and crush resistant
- · Handles Pressure and full vacuum applications
- Excellent transparency and smooth surface for good visual flow characteristics

Applications:

 Chemical transfer, vacuum lines, floor cleaning, food and beverage lines, material handling, water feeds; in chemical, pharmaceutical, oil, shipping, sanitary industries.

Available Sizes:

• 12 mm to 50 mm I.D.

O Pressure at 30°C:

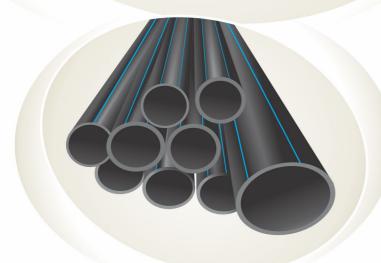
• Bursting Pressure 5kg/cm² to 9kg/cm²





DUTRON HDPE PIPES AND FITTINGS (BLACK)

Made from special pipe grade High Density Poly Ethylene - chemically inert material that gives high impact as well as tensile strength. Manufactured at international standard production and testing facility.









IS: 14151 (PART:2)

Key Features:

- Lightweight
- Flexible pipes up to 140 mm diameter available in coil form
- Excellent resistance to stress cracking and long term stress crack propagation
- Can be safely used down to -40°C
- Chemically resistant to most corrosive chemicals, acids and alkalies
- Abrasion resistant
- All types of fabricated/moulded fittings for butt welding available

Also Available:

- Complete range of water sprinkler system (IS 14151) for micro irrigation
- Pipes as per ISO 4437, ASTM D 3350, ISO DP 4427 etc.
- Services for pipes/fittings butt welding on Site installation
- Poly Propylene pipes (PP) Pipes

O Applications:

- Agriculture (column pipes for submersible pumps, suction and delivery of water, sprinkler systems, drip/lift irrigation etc.)
- Potable water supply
- Conveying corrosive effluents of chemical and other process industries like petrochemicals, paper, dye stuff, rayon and fertilizers
- Sewage and solid waste management pipe lines (IS 14333)
- Underground pipe lines
- Cable duct lines
- Onshore and off shore pipe lines for dredging
- DM/RODM plants
- · Air conditioning and ducting
- Supply of compressed air
- · Chilled water circulation
- Radioactive waste

O Available Sizes:

• 20 mm to 710 mm O.D.





DUTRON upvc pipes & fittings

Made from Unplasticized PolyVinyl Chloride (uPVC). Pipes and Fittings are rigid and provide good impact resistance.

uPVC PRESSURE PIPES & FITTINGS (AGRICULTURAL) (GREY)





- Maintenance Free- Resistant to any type of corrosion
- · Safe for conveying potable water
- · Self-extinguishing quality
- Complete range of fabricated (as per IS 10124) and moulded (as per IS 7834) fittings

O Also Available:

 In addition to solvent cement joints, pipes & fittings for convenient rubber ring fit joints to provide easy and leak proof joints

Applications:

- Irrigation in agriculture, potable water supply, conveying of water under pressure
- Available Sizes:
 - 20 mm to 400 mm O.D.

O Pressure Class:

• Working Pressure 2.5kg/cm² to 10kg/cm²

uPVC SWR PIPES & FITTINGS (GREY)



Key Features:

- · Light weight
- Resistant to any type of corrosion
- Solvent joint (Pasting) as well as easy to install leak proof rubber ring joints
- Complete range of pipes (IS 13592) and fittings (as per IS 7834)

O Applications:

 Drainage of Soil, Waste, and Rainwater in residential, commercial and industrial buildings; Waste Water management systems

Available Sizes:

• 75 mm to 110 mm O.D.





upvc plumbing system: Hiflo (white)



Key Features:

- Complete range of pipes as per ASTM D1785, fittings as per ASTM D2467
- Excellent tensile and impact strength
- Non Corrosive
- Longer service life and economical-excellent replacement to GI Pipe system
- No Scaling or deposition due to smooth surface
- Easy installation, leak proof joints welded by solvent cement
- 100% Lead free hence completely hygienic
- UV Stabilized hence ideal for outdoor application

Also Available:

- High quality Solvent cement Medium Duty
- Heavy pressure plumbing pipes (15kg/cm²) (Grey)

Applications:

 High pressure water distribution plumbing in residential, commercial and industrial buildings

Available Sizes:

• 15 mm to 150 mm O.D.

- Working Pressure Schedule 40 -12.4kg/cm² to 41.4kg/cm²
- Working Pressure Schedule 80 -19.3kg/cm² to 58.6kg/cm²









uPVC CASING PIPES (BLUE)





Key Features:

- · Ideal for deep or shallow borewells for clean water
- · Light weight
- Non-toxic
- Lowest friction
- · Good Impact resistance
- Convenient 3 meters length and threaded ends for easy installation

O Applications:

 As submersible casing pipes for deep (CM, above 80 meters depth) or shallow (CS, up to 80 meters depth) borewells

O Available Sizes:

• 40 mm to 250 mm I.D.

uPVC COLUMN PIPES (WHITE)



Key Features:

- Smooth inner surface lowest friction loss high flow rate
- Safe use in vertical, horizontal and inclined positions
- Accurate square threads at the end very good pulling (tensile) strength
- Complete system with top, bottom adaptors and pump guard
- · Rubber ring sealing for leak proof joints

O Applications:

 With submersible pumps for water delivery under pressure from borewells - Standard or Heavy types

O Available Sizes:

• 15 mm to 100 mm I.D.

Hydrostatic Pressure :

- Medium 10kg/cm² to 20kg/cm²
- Standard 15kg/cm² to 25kg/cm²
- Heavy 26kg/cm² to 33kg/cm²

(DUTRON) CPVC PIPES & FITTINGS (CREAM)

Made from Chlorinated Poly Vinyl Chloride (CPVC) - next generation plastic material with unique physical properties desirable for Hot and Cold water applications. Pipes and Fittings of CPVC are rigid and provide good impact resistance.









Key Features:

- · Can withstand high and low temperatures
- Resistant to many everyday household chemicals
- Long, maintenance free service life due to corrosion resistance
- Does not support combustion; therefore they cannot burn without external fuel source
- Can handle most of the temperature/pressure requirements of today's typical process plants
- Easy to install using solvent cement
- Economical and long lasting
- · Light weight
- · Low friction
- Complete range of pipes (IS 15778) and fittings (as per ASTM D 2846)
- CPVC Compounds **Durastream** are Sourced from Sekisui Chemical Ltd., Japan a group member of Mitsubishi Corporation. It is Certified by NSF International (USA).

Also Available:

High quality solvent cement specially formulated for CPVC

Applications:

- Hot and Cold potable water distribution (plumbing system) in buildings of all types - residential (low & high rise), commercial complexes & institutes
- Can be used in fire suppression systems (sprinklers etc.) due to its fire resistance
- · Corrosive Fluid handling in industries

Available Sizes:

• 15 mm to 100 mm I.D.

O Working Pressure :

- SDR11 at 23°C 28.1kg/cm² & 82°C 7kg/cm²
- SDR13.5 at 23°C 22.5kg/cm² & 82°C 5.6kg/cm²







DUTROFLEX CORRUGATED PIPES

Made from suitable plastic using specially designed moulds. Corrugations along the circumference of the pipe to provide strength.

MULTI-PURPOSE (RANGE OF COLOURS)



Key Features:

- · Very flexible and light weight
- Better replacement to conventional steel pipes

O Applications:

 For water discharge in washing machines, vacuum cleaners, wash basins, transfer of air at normal pressure in industries

O Available Sizes:

• 16 mm to 50 mm I.D.

ELECTRICAL-LIGHT (GREY/BLACK)



Key Features:

- · Very flexible and light weight
- · Good electrical resistance
- Better replacement to corrugated steel pipes and plain rigid PVC conduit pipes

Also available:

· Adaptors for end connections

O Applications:

• Cable protections and as electrical conduits in domestic and industrial electrical wiring

Available Sizes:

• 16 mm to 50 mm I.D.





DUTRON HDPE SHEETS (ANY COLOUR)

Made from High Density Poly Ethylene plastics



Key Features:

- · Light weight, strong and durable
- Good impact and high tensile strength
- · Better punchability
- Flexible can be rolled
- · Weldable for excellent jointing

Also available:

· PP, HIPS and ABS Sheets

O Applications:

 As card canes in textile industries, industrial containers, as cladding, and protective liners, storage tanks, identification and protection lining for gas pipelines

O Available Sizes:

• 1 mm to 3.5 mm thickness, up to 1400 mm width



Made from High Density Poly Ethylene plastics



Key Features:

- · Light weight, strong and water resistant
- UV Protection
- · With or without lamination
- · Custom stitched to desired sizes

O Applications:

- Fabric for wrapping of coils, tyres, cones and any other industrial products
- Sacks and bags for packing of all products

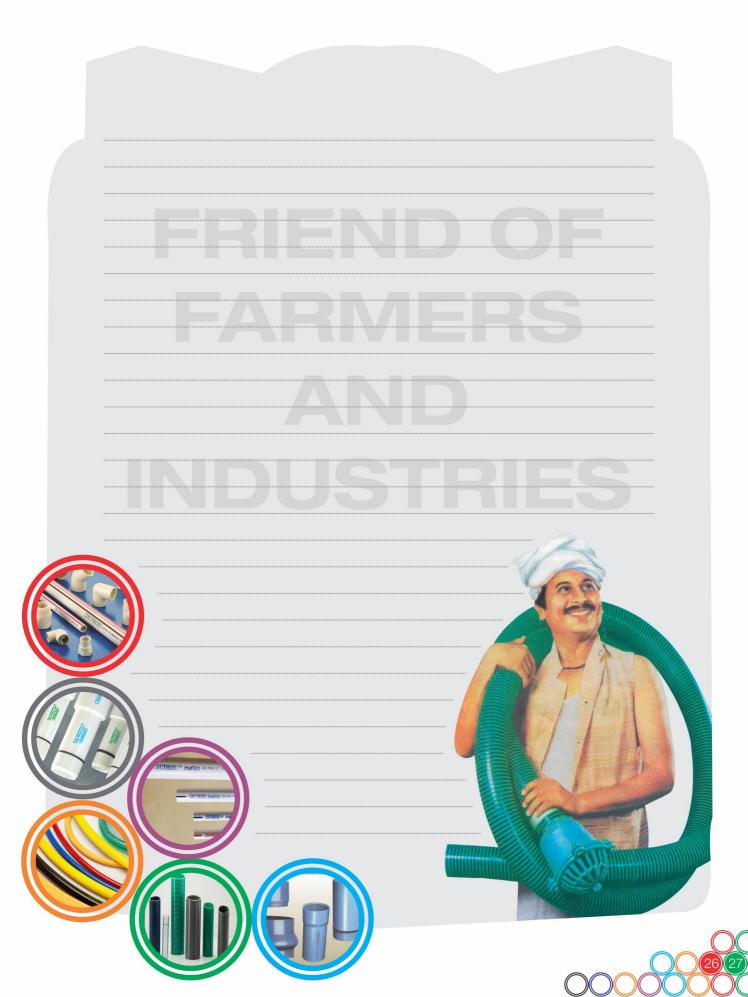
O Available Sizes:

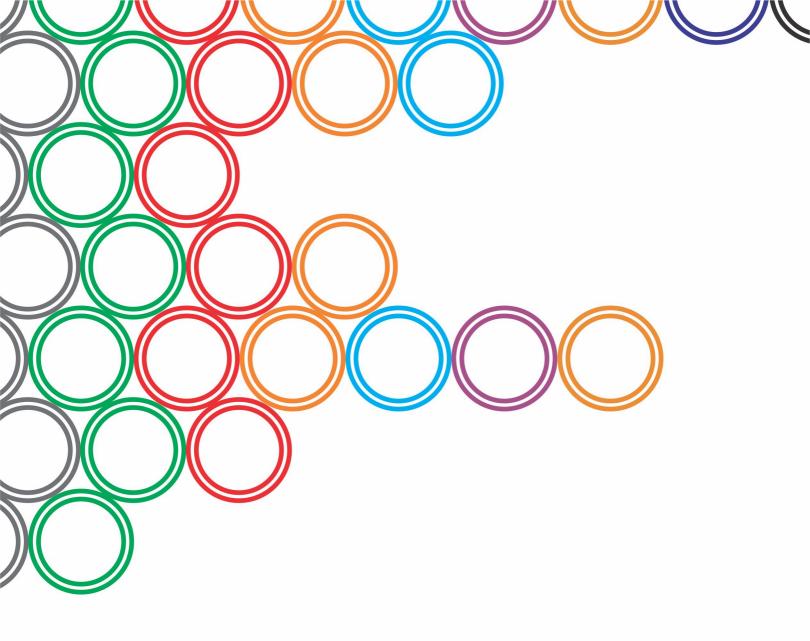
• Fabric up to 910 mm width, bags of any size





NOTES







DUTRON GROUP OF INDUSTRIES

Dutron Plastics Limited

CIN:U25209GJ1973PLC002235

O Dutron Polymers Limited

CIN:L25209GJ1981PLC004786

O Nippon Polymers Pvt. Ltd.

CIN:U25209GJ1981PTC004707

O Dutron Plastics (Bharuch)

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