

## OTHER RANGE OF PRODUCTS



**DUTRON**<sup>®</sup>  
WATER TANKS



**DUTRON**<sup>®</sup>  
CPVC  
Pipes & Fittings



**DUTRON**<sup>®</sup>  
*HiFlo*  
uPVC SOLVENT WELD  
PLUMBING SYSTEM



**DUTRON**<sup>®</sup>  
S.W.R. uPVC  
PIPES & FITTINGS



**DUTRON**<sup>®</sup>  
Drain  
UNDERGROUND DRAINAGE  
PVC-U PIPE



**DUTRON**<sup>®</sup>  
uPVC Agricultural  
Pipes & Fittings



**DUTRON**<sup>®</sup>  
uPVC  
COLUMN PIPES



**DUTRON**<sup>®</sup>  
uPVC CASING PIPES



**DUTRON**<sup>®</sup>  
DWC  
DOUBLE WALL  
CORRUGATED PIPE



**DUTRON**<sup>®</sup>  
HDPE  
PIPES & FITTINGS



**DUPLON**<sup>®</sup>  
BRAIDED PVC HOSE



**DUPLON**<sup>®</sup>  
FLAT HOSE

**DUTRON**<sup>®</sup>  
**Kanaflex**

SUCTION & DELIVERY HOSE

**DUTRON PLASTICS PRIVATE LIMITED**

"Dutron House", Nr. Mithakhali Underbridge  
Navrangpura, Ahmedabad 380 009 Gujarat, India.

Tel : +91 79 2656 1849, 2642 7522

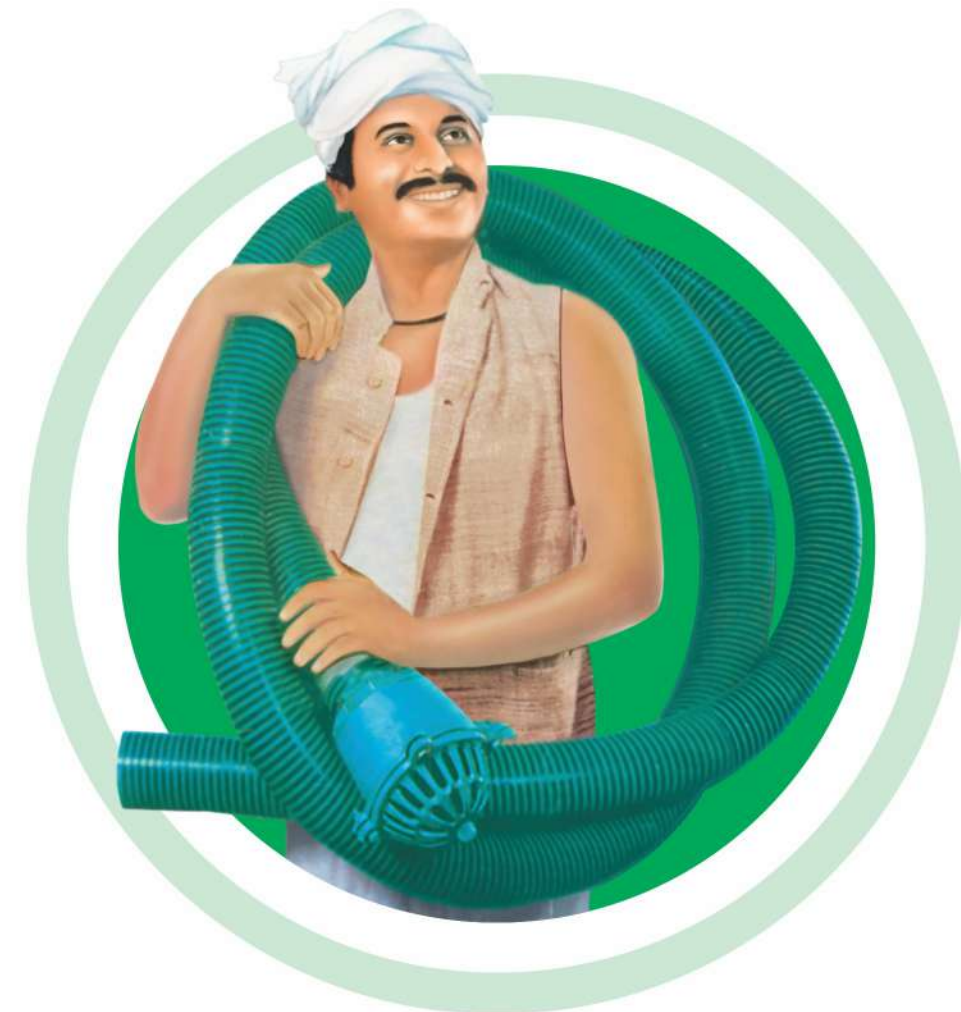
Fax : +91 79 2642 0894

Email : sales@dutronindia.com

Website : www.dutronindia.com

**DUTRON**<sup>®</sup>  
**Kanaflex**  
SUCTION & DELIVERY HOSE

A true companion of  
**Farmers & Industries**



MEDIUM DUTY  
HOSE (GREEN)



HEAVY DUTY  
HOSE (GREY)



OIL HOSE  
(BLUE)



NON-TOXIC HOSE  
(TRANSPARENT)



DUCT HOSE  
(GREY)



DUTRON  
LINE

Spreading **Joy**  
**Enhancing** Lives

Dutron Kanaflex is considered as the most trusted name in flexible PVC hose pipes in India and around the world. It is most suited for suction and delivery of liquids/gases in varied applications. Dutron Kanaflex PVC Hoses are convenient, light weight and flexible compared to rubber hose. Dutron Kanaflex PVC Hose are manufactured with the technical know-how from Totaku Industries Inc., Japan since 1970's.

Composition: Dutron Kanaflex PVC Hoses are 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 HOSE (GREEN)



### Key Features

- Light in Weight.
- Flexibility is retained – no cracks or brittleness
- No kinking, bulging or bursting even in the most severe working conditions.
- Excellent resistance to high pressure, hence, ideal for high pressure suction & delivery of water.
- Good resistance to Saline Water, Light Acids, Alkalies and other chemicals excepting solvents.
- superior efficiency and offers more service life compared to Rubber Suction & Delivery Hoses.

### Applications

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

### Product Specifications

Normal Size		Diameter (mm)		Bending Radius (mm)	Pressure at 30° C		Standard Lengths (mtrs.)
Inches	mm	ID	OD		Working (kg/cm <sup>2</sup> )	Bursting (kg/cm <sup>2</sup> )	
¾	20	19.0 ± 0.5	23.6 ± 1.0	45	7.0	24.0	30/50
1	25	25.4 ± 0.5	30.0 ± 1.0	55	7.0	23.0	30/50
1¼	30	31.8 ± 0.5	36.8 ± 1.0	75	6.5	20.0	30/50
1½	40	38.2 ± 0.5	43.3 ± 1.0	95	5.0	16.0	30/50
2	50	50.8 ± 0.5	57.8 ± 1.5	122	4.0	16.0	30/45/50
2¼	60	61.0 ± 0.5	69.20 ± 1.5	160	4.0	16.0	30
2½	65	63.5 ± 1.0	72.0 ± 1.5	160	4.0	16.0	30/45
3	75	76.2 ± 1.0	85.0 ± 1.5	272	3.5	15.0	30/36
3½	90	89.6 ± 1.0	99.6 ± 2.0	290	3.5	14.0	30
4	100	101.2 ± 1.0	112.2 ± 2.0	290	3.5	11.0	15/18/30

Recommended Maximum working temperature: 60/70°C



## HEAVY DUTY HOSE (GREY)



### Key Features

- Excellent resistance to high pressure can easily withstand absolute vacuum too
- Abrasion Resistant
- No kinking, bulging or bursting even in the most rigorous working conditions
- Excellent resistance to saline water, light acids, alkalies & other chemicals excepting solvents
- More efficient & economical than rubber hose
- Smooth surface inside results in quick conveyance of fluids

### 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.

### Product Specifications

Normal Size		Diameter (mm)		Bending Radius (mm)	Pressure at 30° C		Standard Lengths (mtrs.)
Inches	mm	ID	OD		Working (kg/cm <sup>2</sup> )	Bursting (kg/cm <sup>2</sup> )	
1	25	25.4 ± 0.5	31.5 ± 0.5	48	8	25.0	30
1¼	30	31.8 ± 0.5	36.8 ± 0.5	68	7	21.0	30
1½	40	38.2 ± 0.5	46.3 ± 1.5	70	5.5	18.0	30
2	50	50.8 ± 0.5	60.8 ± 1.5	100	4.5	18.0	30
2½	65	63.5 ± 1.0	74.5 ± 1.5	120	4.5	18.0	30
3	75	76.2 ± 1.0	87.2 ± 1.5	155	4.5	18.0	30
4	100	101.2 ± 1.5	114.2 ± 2.0	213	4.0	14.0	15/18/30
5	125	126.8 ± 1.5	141.0 ± 2.0	230	3.0	10.0	15/18
6	150	152.4 ± 1.5	169.4 ± 2.0	375	2.5	9.0	15/18
8	200	203.2 ± 2.0	224.4 ± 2.0	600	2.5	8.0	4.5/6
10	250	254.0 ± 2.0	284.0 ± 2.0	1000	2.5	8.0	4.5/6
12	300	304.0 ± 2.0	340.0 ± 2.0	1000	2.5	6.0	4.5/6

Recommended Maximum working temperature: 60/70°C

### PU LINED HEAVY DUTY HOSE

Also available specially designed highly abrasive resistant Heavy duty (Grey) PVC hose with polyurethane (PU) coating at inner side for conveying high abrasive materials. Size 40mm to 300mm.

\*\*Details will be provided on request.



## 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 rigorous 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
- No aging hence our oil hose are durable for a very long period & thus proves economical
- Lighter weight hence easy to handle

### Applications

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

### Product Specifications

Normal Size		Diameter (mm)		Bending Radius (mm)	Pressure at 30° C		Standard Lengths (mtrs.)
Inches	mm	ID	OD		Working (kg/cm <sup>2</sup> )	Bursting (kg/cm <sup>2</sup> )	
1	25	25.4 ± 0.5	31.5 ± 1.0	48	8.0	22	30
1¼	30	31.8 ± 0.5	39.0 ± 1.0	68	7.0	21	30
1½	40	38.1 ± 0.5	46.4 ± 1.0	70	5.5	18	30
2	50	50.8 ± 0.5	60.8 ± 1.5	100	4.5	18	30
2½	65	63.5 ± 1.0	74.5 ± 1.5	120	4.5	18	30
3	75	76.2 ± 1.0	87.2 ± 1.5	155	4.5	18	30
4	100	101.2 ± 1.0	114.2 ± 1.5	213	4.0	14	15/18/30

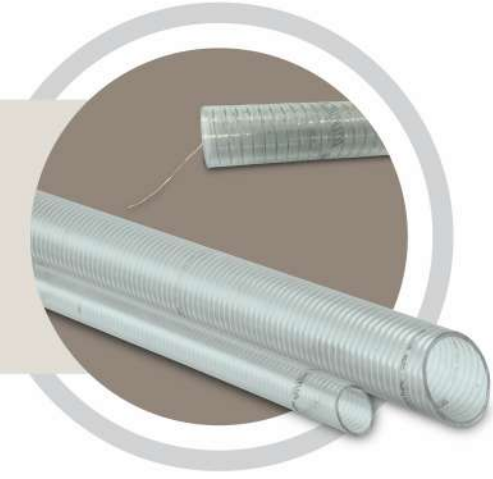
Recommended Maximum working temperature: 60/70°C

Also available flexible oil hose with **copper conductive wire**.

Details will be provided on request.



## NON-TOXIC HOSE (TRANSPARENT)



### Key Features

- Made from special non-toxic ingredients, that provide safe use in food products
- Good resistance to oil & other chemicals
- No Aging
- Excellent resistance to high vacuum/pressure and external impact
- Total transparency allows one better visualization of the products
- Its total smooth internal surface does not allow setting of residues, preventing contaminations
- Total smooth inside surface leading to minimum friction loss and saving energy & assures high flow rate

### Applications

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

### Product Specifications

Normal Size		Diameter (mm)		Bending Radius (mm)	Pressure at 30° C		Standard Lengths (mtrs.)
Inches	mm	ID	OD		Working (kg/cm <sup>2</sup> )	Bursting (kg/cm <sup>2</sup> )	
1	25	25.4 ± 0.5	30.0 ± 1.0	55	7.0	23	30
1¼	30	31.8 ± 0.5	36.8 ± 1.0	75	6.5	20	30
1½	40	38.2 ± 0.5	44.8 ± 1.0	95	4.5	16	30
2	50	50.8 ± 1.5	57.8 ± 1.0	122	4.5	16	30
2½	65	63.5 ± 1.0	72.0 ± 1.5	160	4.5	16	30
3	75	76.2 ± 1.0	85.0 ± 1.5	272	4.5	15	30
4	100	101.2 ± 1.0	112.2 ± 1.5	290	3.5	11	15/18/30

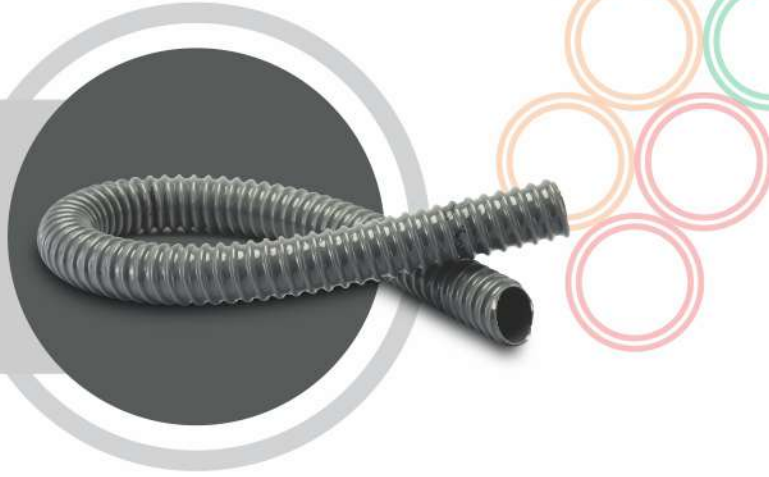
Recommended Maximum working temperature: 60/70°C

Also available in special size and non-toxic flexible hose with **copper conductive wire**.

Details will be provided on request.



## DUCT HOSE (GREY)



### Key Features

- Light weight & flexibility makes hose easier to carry and install
- Excellent resistance to most of the chemicals, acids & alkalis
- Excellent abrasion resistance which can effectively handle dirt, fibre chips, etc.
- Economical to install

### Applications

Duct hose has excellent quality, is useful in various field such as 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. Removing fumes from factories, fuel tanks & underground installations

### Product Specifications

Normal Size		Diameter (mm)		Bending Radius (mm)	Standard Lengths (mtrs.)
Inches	mm	ID	OD		
½	16	16.6	22.15	22	30
¾	22	22.0	28.60	35	30
1	25	25.4	32.10	45	30
1¼	30	31.8	38.64	50	30
1½	40	38.0	45.00	55	30
2	50	50.8	57.60	65	30
2½	60	60.5	69.60	75	30
3	75	76.5	84.50	95	30
4	100	102.0	112.00	125	30
5	125	127.0	132.50	140	15
6	150	152.4	161.90	205	15
6¼	160	160.0	169.60	210	15
8	200	204.0	214.40	270	10/15
10	250	253.0	264.00	370	10/15
12	300	305.0	320.00	370	10

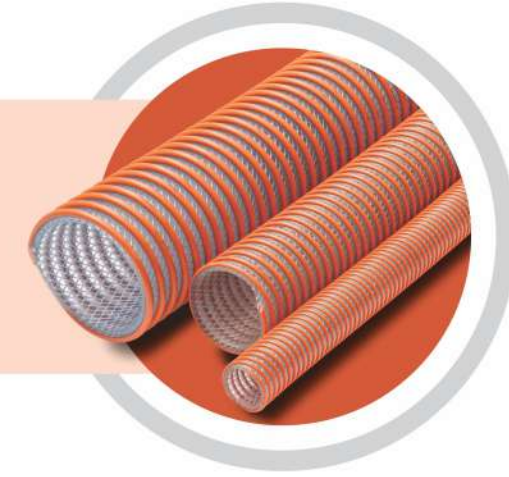
Recommended Maximum working temperature: 60/70°C

80 mm, 90mm, 110mm, 140mm, 225mm sizes are also available on request.

Also available Heavy Duct Hose. Size: 100 to 200 mm.



## DUTRON line



### Key Features

- **Fabric Reinforcement**  
Designed with high tensile strength yarn jacket to handle both suction and high pressure discharge applications.
- **Transparent Construction**  
"See the Flow" allows for visual confirmation of material flow.
- **Easy Slide Helix**  
Rigid helix design protects hose tube from cover wear and allows hose to slide easily over rough surface.
- Easy to handle
- No elongation occurs during application.

### Construction

Flexible PVC, Rigid PVC Helix, Synthetic Braiding, Smooth Bore, Corrugated Outer surface.

### Applications

High Pressure Water Suction and Vacuum applications, Irrigation Lines, Fish suction, Mining, Suction and discharge of sand, cement, etc., Suction and press-transfer of various grains, powder & granules, Pumping at places like construction sites, Heavy industries & Submarines.

### Product Specifications

Normal Size		Diameter (mm)		Pressure at 30° C		Bending Radius (mm)	Vacuum Rating at 30° C (hg)	Standard Length (mtrs.)
Inches	mm	ID	OD	Working (kg/cm <sup>2</sup> )	Bursting (kg/cm <sup>2</sup> )			
1 ½	40	38.1	49	7	20	65	28	30
2	50	50.8	64	7	20	100	28	30
2 ½	65	63.5	76	7	20	125	28	30
3	75	76.2	91	6	18	150	28	30
4	100	101.6	118	5	16	200	25	15/18/30
5	125	127.0	151	5	15	230	25	15/18
6	150	152.4	182	5	15	330	25	15/18
8	200	203.2	236	4	12	450	20	6

Also providing bending coil to be fitted at the both end of the hose.

Tolerance ± 2%, \*Operation temp. upto 70°C.

