

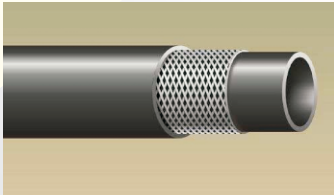


# CEE DEE INDUSTRIES

ISO 9001-2008 certified company

## INDUSTRIAL HOSES

### AIR / WATER HOSE (PIA-1)



**APPLICATION:** LOW PRESSURE APPLICATION FOR AIR AND WATER

**LINING:** MODIFY NATURAL RUBBER COMPOUND.

**REINFORCEMENT:** ONE / TWO HIGH TENCITY SYNTHETIC YARN BRAIDS.

**COVER:** MODIFIED NATURAL RUBBER COMPOUND WITH GOOD AGEING AND ABRASION PROPERTIES.

**STANDARD:** EXCEEDS IS 444 & IS 446(TYPE-I).

NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM	MM	PSI	BAR	PSI	BAR
1/4	6.3	13.5	150	10.0	600	40.0
5/16	8.0	15.5	150	10.0	600	40.0
3/8	10.0	18.0	150	10.0	600	40.0
1/2	12.5	20.5	150	10.0	600	40.0
5/8	16.0	24.5	150	10.0	600	40.0
3/4*	20.0	28.5	150	10.0	600	40.0
1*	25.0	34.5	150	10.0	600	40.0
1-1/4*	31.5	42.0	110	7.5	440	30.0
1-1/2*	38*	50.5	110	7.5	440	30.0
2*	50*	66.5	110	7.5	440	30.0

\* With two high tenacity yarn braids.



# CEE DEE INDUSTRIES

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## FUEL INJECTION PIPE

## PNEUMATIC TOOL HOSE (PIP-1)



- APPLICATION:** FOR USE IN COMPRESSED AIR, CONSTRUCTION, SHIPYARD AND WAGON IN TOUGH OPERATING CONDITIONS.
- LINING:** MODIFIED NATURAL RUBBER COMPOUND.
- REINFORCEMENT:** ONE / TWO HIGH TENCITY SYNTHETIC YARN BRAIDS.
- COVER:** MODIFIED NATURAL RUBBER COMPOUND RESISTANT TO ABRASION AND AGEING.
- STANDARD:** EXCEEDS IS 446 (TYPE-II)

NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM	MM	PSI	BAR	PSI	BAR
1/4	6.3	13.5	300	20.0	1200	80.0
5/16	8	15.5	300	20.0	1200	80.0
3/8	10	18.0	300	20.0	1200	80.0
1/2*	12.5*	22.5	300	20.0	1200	80.0
5/8*	16.0*	26.0	300	20.0	1200	80.0
3/4*	20.0*	30.0	300	20.0	1200	80.0
1*	25.0*	36.5	300	20.0	1200	80.0
1-1/4*	31.5*	43.5	225	15.0	900	60.0
1-1/2*	38.0*	50.5	225	15.0	900	60.0
2*	50.0*	66.5	225	15.0	900	60.0

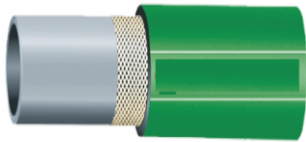


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## FUEL INJECTION PIPE

## CARBON FREE HOSE (PI CF)



**APPLICATION:**

FOR USE IN INDUCTION FURNACE AS CABLE COOLANT AND NON-CONDUCTIVE APPLICATION.

**LINING:**

WHITE SYNTHETIC RUBBER COMPOUND.

**REINFORCEMENT:**

ONE / TWO HIGH TENACITY HEAT RESISTANT SYNTHETIC YARN BRAID / BRAIDS.

**COVER:**

GREEN RUBBER COMPOUND WITH ABRASION, WEATHER, HEAT RESISTANCE AND AGEING PROPERTIES.

NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM	MM	PSI	BAR	PSI	BAR
3/8	10	18.0	290	20.0	1160	80.0
1/2	12.5*	22.5	290	20.0	1160	80.0
5/8*	16.0*	26.5	290	20.0	1160	80.0
3/4*	20.0*	30.0	290	20.0	1160	80.0
1*	25.0*	36.5	290	20.0	1160	80.0
1-1/4*	31.5	43.5	290	20.0	1160	80.0
1-1/2*	38.0*	50.5	250	17.5	1000	70.0
2*	50.0*	66.5	250	17.5	1000	70.0

**\*With Two high tenacity heat resistant synthetic yarn braid.**



# CEE DEE INDUSTRIES

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## FUEL INJECTION PIPE

## RUBBER STEAM HOSE (PIS 1)



APPLICATION

STEAM HOSE FOR USE IN MEDIUM PRESSURE SATURATED STEAM IN TOUGH CONDITIONS.

LINING:

HEAT RESISTANT SYNTHETIC RUBBER COMPOUND.

REINFORCEMENT:

TWO HIGH TENCITY HEAT RESISTANT SYNTHETIC YARN.

COVER:

HEAT AND ABRASION RESISTANT COMPOUND WITH EXCELLENT OZONE AND AGEING PROPERTIES.

TEMP. RANGE

UPTO 1700C.

STANDARD:

SUPER EXCEEDS IS 10655(TYPE-II)

NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM		PSI	BAR	PSI	BAR
3/8	10.0	18.0	115	8.0	1150	80.0
1/2	12.5	23.0	115	8.0	1150	80.0
5/8	16.0	27.0	115	8.0	1150	80.0
3/4	20.0	31.0	115	8.0	1150	80.0
1	25.0	37.5	115	8.0	1150	80.0
1-1/4	31.5	44.5	115	8.0	1150	80.0
1-1/2	38.0	52.0	115	8.0	1150	80.0
2	50.0	66.5	115	8.0	1150	80.0



# CEE DEE INDUSTRIES

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## FUEL INJECTION PIPE

## WATER SUCTION HOSE (LIGHT DUTY) PIWS-1



(Conforming to IS: 2482/1990)

Natural rubber compound lining free from air blisters. Reinforced with woven fabric and single helical embedded galvanized mild steel spiral wire. Outer corrugated cover made of natural rubber compound resistant to abrasion and weather.

### Application

Used for suction of water under low pressure such as Irrigation, Dam, Agricultural projects, Excavations, Mines etc.

Temperature Range	:	-400C to + 700C
Size Range	:	NB 1 inch to 6 inch
Working pressure	:	2kg/cm2

## WATER SUCTION HOSE PIWS-2



(Conforming to IS : 3549/1983)

Natural rubber compound lining free from air blisters. Reinforced with woven fabric and double helical embedded galvanized mild steel spiral wire to suit required pressure. Outer corrugated cover made of natural rubber compound resistant to abrasion and weather.

### Application

Heavy duty suction and discharge service, where rugged flexible hose is required both for delivery and de-watering purpose such as excavation of mines, Construction project - handling waste water or mud etc.

Temperature Range	:	-40 C to + 70 C
Size Range	:	NB 1 inch to 10 inch
Working pressure	:	Type I - 7kg/cm2
	:	Type II - 10kg/cm2
	:	Type II - 15kg/cm2



# CEE DEE INDUSTRIES

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## FUEL INJECTION PIPE

## OIL SUCTION AND DISCHARGE HOSE PIOS-2



(Conforming to IS: 8189/1976)

Uniform lining of suitable rubber compound resistant to petroleum product, ageing crack. Blended product having aromatic hydrocarbon content not more than 25%. Reinforced with plies of synthetic woven fabric rubberized with suitable compound and double helical galvanized steel wire wrapped embedded along with copper wire between reinforcement of plies for electrical continuity. Outer plain cover is resistant to abrasion, weather and oil.

### Application

The hose is used in Docks and Offshore operation of petroleum products.

Temperature Range : -40oC to + 100oC

Size Range : 3 inch to 12 inch

Working pressure	:	Type I	-	7kg/cm2
		Type II	-	10kg/cm2
		Type II	-	15kg/cm2

## OIL & SOLVENT HOSE PIOS-1

(Conforming to IS: 635/1982)

Seamless tube of suitable rubber compound resistant to oil, low aromatic solvent, dilutes acids, alkalis and chemicals. Reinforcement with plies of rubberized woven fabric/braids textile. Outer cover resistant to oils, solvent dilute acids, alkalis.

### Application

Used for conveying lubrication oils, Transformer oil, Vegetable oil, Solvent and Low aromatic content product, High Speed Diesel, Oil and other petroleum products.



Temperature Range : -26oC to + 65oC

Size Range : 5 mm to 50 mm

Working pressure : 7kg/cm2



# CEE DEE INDUSTRIES

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## FUEL INJECTION PIPE

## DRILL HOSE (PIRD-R)



APPLICATION

USED FOR PNEUMATIC APPLICATION IN INDUSTRY, CONSTRUCTION, OPEN CAST MINES AND QUARRIES IN MOST SERVE SERVICE CONDITIONS.

LINING:

HEAT AND OIL MIST RESISTANT BLEND OF SYNTHETIC AND NATURAL RUBBER.

REINFORCEMENT:  
COVER:

ONE HIGH TENCITY SYNTHETIC YARN BRAIDS.  
MODIFIED NATURAL RUBBER COMPOUND WITH EXCELLENT ABRASION AND AGEING PROPERTIES.

STANDARD:

EXCEEDS IS 446 (TYPE-III)

NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM	MM	PSI	BAR	PSI	BAR
3/8*	10*	18.0	365	25	1460	100
1/2	12.5	22.5	365	25	1460	100
5/8	16.0	26.0	365	25	1460	100
3/4	20.0	30.0	365	25	1460	100
1	25.0	36.5	365	25	1460	100
1-1/4	31.5	43.5	300	20	1200	80
1-1/2	38.0	50.5	260	18	1040	72
2	50.0	66.5	260	18	1040	72

\*With one high tenacity synthetic yarn braid.



# CEE DEE INDUSTRIES

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## FUEL INJECTION PIPE

## ROCK DRILL HOSE (PIRD-W)

### APPLICATION

USED FOR EXTRA HEAVY DUTY, HIGH PRESSURE PNEUMATIC APPLICATION IN INDUSTRY, CONSTRUCTION, MINES, DRILLING AND QUARRIES IN MOST SEVERE SERVICE CONDITIONS.

LINING:  
REINFORCEMENT:  
COVER:

HEAT AND OIL MIST RESISTANT RUBBER COMPOUND  
ONE HIGH TENSILE BRASS COATED STEEL WIRE BRAID.  
ABRASION & OIL RESISTANT SYNTHETIC RUBBER COMPOUND

TEMP. RANGE  
STANDARD:

-34°C TO + 100°C.  
EXCEEDS IS 446 (TYPE-III)



NOMINAL BORE		MEAN OUTER COVER DIAMETER	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE	
INCH	MM	MM	PSI	BAR	PSI	BAR
3/8	10.0	18.0	510	35	2040	140
1/2	12.5	21.0	510	35	2040	140
5/8	16.0	24.0	510	35	2040	140
3/4	20.0	29.4	510	35	2040	140
1	25.0	36.6	510	35	2040	140
1-1/4	31.5	43.0	510	35	2040	140
1-1/2	38.0	50.4	510	35	2040	140
2	50.0	63.5	510	35	2040	140

\*With one high tenacity synthetic yarn braid.