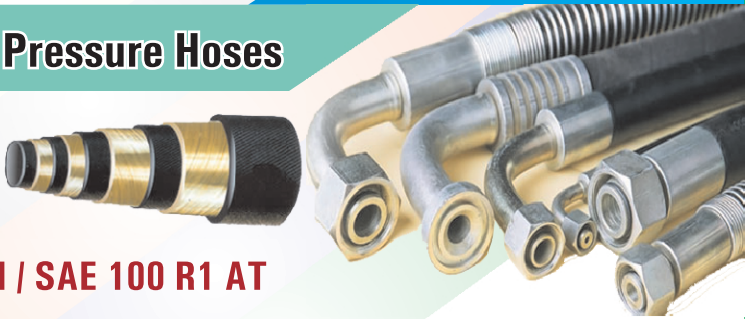




# CEE DEE INDUSTRIES

ISO 9001-2008 certified company

## High Pressure Hoses



**PH-1**  
**Hydraulic**  
**EN 853 1SN / SAE 100 R1 AT**

Hose I.D		Hose R.O.D		Hose O.D		Working Pressure		Minimum Bend Radius		KG
inch	mm	mm	mm	psi	MPa	inch	mm	Lbs/ft	Kg/m	
1/4	6.4	11.1	13.4	3265	22.5	2.0	50	0.15	0.23	
5/16	7.9	12.7	15.0	3120	21.5	2.3	58	0.18	0.27	
3/8	9.5	15.1	17.4	2610	18.0	2.5	65	0.22	0.33	
1/2	12.7	18.2	20.7	2320	16.0	3.5	90	0.30	0.44	
5/8	15.9	21.4	23.9	1890	13.0	4.0	100	0.34	0.50	
3/4	19.0	25.4	27.8	1525	10.5	4.8	120	0.46	0.68	
1	25.4	33.3	35.8	1275	8.8	6.0	150	0.63	0.94	
1-1/4	31.8	41.8	44.8	915	6.3	16.5	420	0.97	1.44	
1-1/2	38.1	46.4	51.0	725	5.0	20.0	500	1.07	1.59	
2	50.8	59.5	64.5	580	4.0	25.0	630	1.51	2.25	
2-3/8	60.3	69.0	75.0	362	2.5	30.0	762	1.73	2.58	
2-1/2	63.5	73.0	77.5	362	2.5	30.0	762	1.86	2.77	
3	76.2	86.4	94.4	290	2.0	36.0	915	2.59	3.85	
3-1/2	88.9	98.5	105.5	220	1.5	42.0	1067	2.89	4.30	
4	101.6	110.0	117.0	145	1.0	43.5	1105	3.09	4.60	

**Application:**  
 Petroleum base hydraulic fluids and lubricating oils.

**Inner Tube:**  
 Synthetic Rubber.  
**Reinforcement:**  
 One braid steel wire.

**Cover:**  
 Synthetic Rubber.

**Temp. Range:**  
 -40°F to +212°F  
 (-40°C to +100°C)

**Impulse Cycles:**  
 1, 50,000 cycles.



# CEE DEE INDUSTRIES

ISO 9001-2008 certified company

## High Pressure Hoses



### PH-P MORE POWER – MORE FLEXIBILITY

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic Rubber.

Reinforcement: Two special high tensile steel wire braid.

Cover: Synthetic Rubber.

Temp. Range: -40°F to +212°F (-40°C to +100°C)

Impulse Test: Tested upto 5,00,000 cycles.

Hose I.D		Hose R.O.D		Hose O.D		Working Pressure		Minimum Bend Radius		Approx. Weight	
inch	mm	mm	mm	psi	MPa	inch	mm	Lbs/ft	Kg/m		
1/4	6.4	11.5	13.2	5800	40.0	2.0	50	0.20	0.30		
5/16	7.9	13.8	15.4	5100	35.0	2.1	55	0.26	0.39		
3/8	9.5	15.8	17.4	4800	33.0	2.4	60	0.33	0.49		
1/2	12.7	18.2	19.9	4000	27.5	3.5	90	0.34	0.51		
5/8	15.9	21.9	23.5	4000	27.5	4.0	100	0.48	0.71		
3/4	19.0	27.0	30.1	4000	27.5	6.0	150	0.74	1.10		
1	25.4	35.0	38.2	3600	25.0	8.0	200	1.04	1.55		



**CEE DEE  
INDUSTRIES**

ISO 9001-2008 certified company

## High Pressure Hoses



**PH-2**

**EN 853 2SN / SAE 100 R2AT**

Hose I.D		Hose R.O.D		Hose O.D		Working Pressure		Minimum Bend Radius		Approx. Weight	
inch	mm	mm	mm	psi	MPa	inch	mm	Lbs/ft	Kg/m	KG	
1/4	6.4	11.5	13.2	5800	40.0	2.0	50	0.20	0.30		
5/16	7.9	13.8	15.4	5100	35.0	2.1	55	0.26	0.39		
3/8	9.5	15.8	17.4	4800	33.0	2.4	60	0.33	0.49		
1/2	12.7	18.2	19.9	4000	27.5	3.5	90	0.34	0.51		
5/8	15.9	21.9	23.5	4000	27.5	4.0	100	0.48	0.71		
3/4	19.0	27.0	30.1	4000	27.5	6.0	150	0.74	1.10		
1	25.4	35.0	38.2	3600	25.0	8.0	200	1.04	1.55		

**Application:**  
Petroleum base hydraulic fluids and lubricating oils.

**Inner Tube:**  
Synthetic Rubber.

**Reinforcement:**  
Two braid steel wire.

**Cover:**  
Synthetic Rubber.

**Temp. Range:**  
-40°F to +212°F  
(-40°C to +100°C)

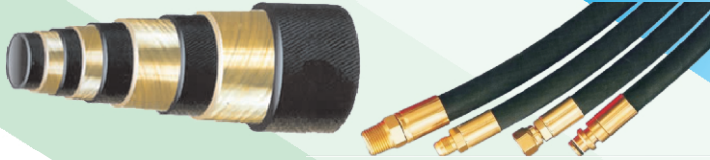
**Impulse Cycles:**  
2, 00,000 cycles.



# CEE DEE INDUSTRIES

ISO 9001-2008 certified company

## High Pressure Hoses



### PH-M BCS 174-1992 UNDERGROUND MINING

#### Application:

Petroleum base hydraulic fluids and lubricating oils.

**Inner Tube :**  
Synthetic Rubber.

**Reinforcement:**  
Two high tensile steel wire braid.

**Cover:**  
Synthetic Rubber-flame resistant.

**Temp. Range:**  
-40°F to +212°F  
(-40°C to +100°C)

**Impulse Test:**  
Tested upto  
1,00,000 cycles.

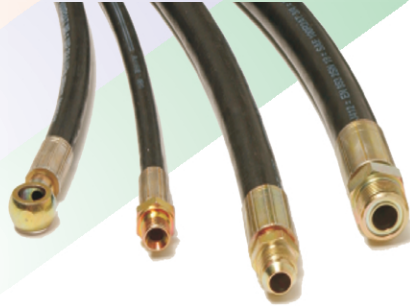
Hose I.D		Hose R.O.D		Hose O.D		Working Pressure		Minimum Bend Radius		Approx. Weight	
inch	mm	mm	mm	psi	MPa	inch	mm	Lbs/ft	Kg/m		
1/4	6.4	11.5	13.2	5800	40.0	2.0	50	0.20	0.30		
5/16	7.9	13.8	15.4	5100	35.0	2.1	55	0.26	0.39		
3/8	9.5	15.8	17.4	4800	33.0	2.4	60	0.33	0.49		
1/2	12.7	18.2	19.9	4000	27.5	3.5	90	0.34	0.51		
5/8	15.9	21.9	23.5	4000	27.5	4.0	100	0.48	0.71		
3/4	19.0	27.0	30.1	4000	27.5	6.0	150	0.74	1.10		
1	25.4	35.0	38.2	3600	25.0	8.0	200	1.04	1.55		



**CEE DEE  
INDUSTRIES**

ISO 9001-2008 certified company

## High Pressure Hoses



## PH-5R & PH-5C SAE 100R5R & R5C

Hose I.D		Hose R.O.D		Hose O.D		Working Pressure		Minimum Bend Radius		Approx. Weight	
inch	mm	mm	mm	psi	MPa	inch	mm	Lbs/ft	Kg/m	KG	
1/4	6.4	11.5	13.2	5800	40.0	2.0	50	0.20	0.30		
5/16	7.9	13.8	15.4	5100	35.0	2.1	55	0.26	0.39		
3/8	9.5	15.8	17.4	4800	33.0	2.4	60	0.33	0.49		
1/2	12.7	18.2	19.9	4000	27.5	3.5	90	0.34	0.51		
5/8	15.9	21.9	23.5	4000	27.5	4.0	100	0.48	0.71		
3/4	19.0	27.0	30.1	4000	27.5	6.0	150	0.74	1.10		
1	25.4	35.0	38.2	3600	25.0	8.0	200	1.04	1.55		

**Application :**  
Petroleum base hydraulic fluids and lubricating oils.

**Inner Tube :**  
Synthetic Rubber.

**Reinforcement :**  
One fiber braid and one steel wire braid.

**Cover :**  
Synthetic Rubber.

**Temp. Range :**  
-40°F to +212°F  
(-40°C to +100°C)

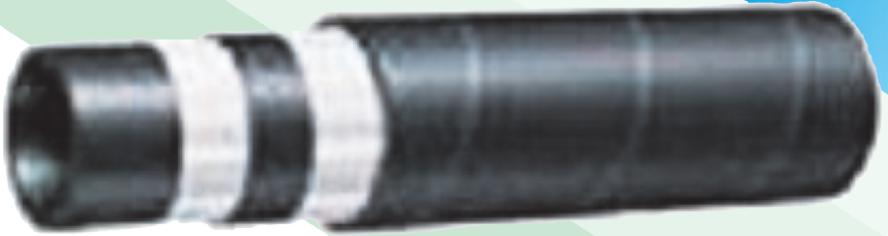
PH-5R Rubber outer  
PH-5C Cotton outer



# CEE DEE INDUSTRIES

ISO 9001-2008 certified company

## High Pressure Hoses



### PH-3 EN 854 R3

Hose I.D		Hose R.O.D		Hose O.D		Working Pressure		Minimum Bend Radius		Approx. Weight	
inch	mm	mm	mm	psi	MPa	inch	mm	Lbs/ft	Kg/m	KG	
1/4	6.4	11.5	13.2	5800	40.0	2.0	50	0.20	0.30		
5/16	7.9	13.8	15.4	5100	35.0	2.1	55	0.26	0.39		
3/8	9.5	15.8	17.4	4800	33.0	2.4	60	0.33	0.49		
1/2	12.7	18.2	19.9	4000	27.5	3.5	90	0.34	0.51		
5/8	15.9	21.9	23.5	4000	27.5	4.0	100	0.48	0.71		
3/4	19.0	27.0	30.1	4000	27.5	6.0	150	0.74	1.10		
1	25.4	35.0	38.2	3600	25.0	8.0	200	1.04	1.55		

**Application :**  
Petroleum base hydraulic fluids and lubricating oils.

**Inner Tube :**  
Synthetic Rubber.

**Reinforcement:**  
Two fiber braids.

**Cover :**  
Synthetic Rubber.

**Temp. Range:**  
-40°F to +212°F  
(-40°C to +100°C)