



# DANTEC<sup>®</sup> HYDRAULICS

- HYDRAULIC HOSE
- HYDRAULIC FITTINGS
- HOSE ASSEMBLY



DANTEC HYDRAULICS CO. LTD



## About us:

Dantec Hydraulics Co., Ltd. is known as a reliable manufacturer of hydraulic hoses, fittings, adaptors and hose assemblies. Established in Ningbo in 2007, DH started fitting business as a small workshop, now growing into the factory with over 400 workers and one office in Beijing, 60 CNC machines, and 6 to 7 hundred thousand pieces production capacity per month. Moreover, we expanded hose lines and acquired a hose factory which achieved a monthly hose volume over a million meters .

Our fast growth benefits from superior product and service. We are always dedicated to supplying good quality products to make our customers feel safe and secure to work with us, it will remains the core for our strong development. In return, we are trusted by customers from the world, some well-known brands included. We pride ourselves on honesty and integrity, and firmly believe that you'll see the difference when you choose us. Looking forward to working with you and growing together!

## 目录 CONTENT

钢丝缠绕管 Steel wire spiral hose .....	2
DH-4SP .....	2
DH-4SH .....	2
DH-R12 .....	3
DH-R13 .....	3
DH-R15 .....	4
钢丝编织管 Steel wire braid hose .....	5
DH-1SN .....	5
DH-2SN .....	5
DH-1SC .....	6
DH-2SC .....	6
DH-R16 .....	7
DH-R17 .....	7
DH-2ST .....	8
DH-R14 .....	8
纤维编织管 Fiber braid hose .....	9
DH-R3 .....	9
DH-R4 .....	9
DH-R5 .....	10
DH-R6 .....	10
DH-R7 .....	11
DH-R8 .....	11
DH-Air hose .....	12
DH-Water hose .....	12
DH-Fuel hose .....	13
企业标准管 Enterprise standard hose .....	14
DH-Jet wash hose .....	14
DH-Concrete hose .....	15
DH-Water suction and discharge hose .....	15
DH-Oil suction and discharge hose .....	16
DH-Bulk material/ mud suction and discharge hose .....	16
DH-Drilling hose .....	17

## 钢丝缠绕管 Steel wire spiral hose

### DH-4SP ISO3862-1 4SP/ EN856 4SP

Tube: oil resistant synthetic rubber

Reinforcement: 4 layers spiral high tensile steel wire

Cover: environment resistant synthetic rubber

Temperature: -40°F to 212°F/ -40°C to 100°C



Item No.	ID			WD		OD		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	Dash	mm	IN	MIN	MAX	MIN	MAX	Mpa	psi	Mpa	psi	mm	Kg/m
				mm	mm	mm	mm						
4SP-04-06	4	6.3	1/4	14.1	15.3	17.1	18.7	45.0	6525	180	26100	150	0.61
4SP-06-10	6	10.0	3/8	16.9	18.1	20.6	22.2	44.5	6453	178	25810	180	0.76
4SP-08-13	8	12.5	1/2	19.4	21.0	23.8	25.4	41.5	6018	166	24070	230	0.88
4SP-10-16	10	16.0	5/8	23.0	24.6	27.4	29.0	35.0	5075	140	20300	250	1.10
4SP-12-19	12	19.0	3/4	27.4	29.0	31.4	33.0	35.0	5075	140	20300	300	1.47
4SP-16-25	16	25.0	1	34.5	36.1	38.5	40.9	28.0	4060	112	16240	340	1.98
4SP-20-32	20	31.0	1 1/4	45.0	47.0	49.2	52.4	21.0	3045	84	12180	460	2.55
4SP-24-38	24	38.0	1 1/2	51.4	53.4	55.6	58.8	18.5	2683	74	10730	560	3.26
4SP-32-51	32	51.0	2	64.3	66.3	68.2	71.4	16.5	2393	66	9570	660	4.92

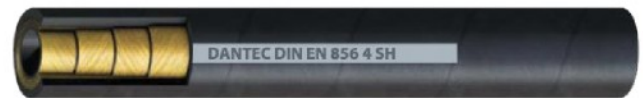
### DH-4SH ISO3862-1 4SH/ EN856 4SH

Tube: oil resistant synthetic rubber

Reinforcement: 4 layers spiral high tensile steel wire

Cover: environment resistant synthetic rubber

Temperature: -40°F to 212°F/ -40°C to 100°C



Item No.	ID			WD		OD		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	Dash	mm	IN	MIN	MAX	MIN	MAX	Mpa	psi	Mpa	psi	mm	kg/m
				mm	mm	mm	mm						
4SH-12-19	12	19.0	3/4	27.6	29.2	31.4	33.0	42.0	6090	168	24360	280	1.62
4SH-16-25	16	25.0	1	34.4	36.0	37.5	39.9	38.0	5510	152	22040	340	2.12
4SH-20-32	20	31.5	1 1/4	40.9	42.9	43.9	47.1	32.5	4713	130	18850	455	2.55
4SH-24-38	24	38.0	1 1/2	47.8	49.8	51.9	55.1	29.0	4205	116	16820	560	3.26
4SH-32-51	32	51.0	2	62.2	64.2	66.5	69.7	25.0	3625	100	14500	710	4.92

### DH-R12 ISO3862-1 R12/ SAE100 R12/ EN856 R12

Tube: oil resistant synthetic rubber

Reinforcement: 4 layers spiral high tensile steel wire

Cover: environment resistant synthetic rubber

Temperature: -40°F to 212°F / -40°C to 100°C



Item No.	ID			WD		OD		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	Dash	mm	IN	MIN	MAX	MIN	MAX	Mpa	psi	Mpa	psi	mm	Kg/m
				mm	mm	mm	mm						
R12-06-10	6	10.0	3/8	16.6	17.8	19.5	21.0	28.0	4060	112	16240	130	0.59
R12-08-13	8	12.5	1/2	19.9	21.5	23.0	24.6	28.0	4060	112	16240	180	0.77
R12-10-16	10	16.0	5/8	23.8	25.4	26.6	28.2	28.0	4060	112	16240	200	1.04
R12-12-19	12	19.0	3/4	26.9	28.4	29.9	31.5	28.0	4060	112	16240	240	1.20
R12-16-25	16	25.0	1	34.1	35.7	36.8	39.2	28.0	4060	112	16240	300	1.79
R12-20-32	20	31.5	1 1/4	42.7	45.1	45.4	48.6	21.0	3045	84	12180	420	2.53
R12-24-38	24	38.0	1 1/2	49.2	51.6	51.9	55.0	17.5	2538	70	10150	500	3.05
R12-32-51	32	51.0	2	62.5	64.8	65.1	68.3	17.5	2538	70	10150	630	4.19

### DH-R13 ISO3862-1 R13/ SAE100 R13/ EN856 R13

Tube: oil resistant synthetic rubber

Reinforcement: 4 layers 3/4" to 1" / 6 layers 1 1/4" to 2" spiral high tensile steel wire

Cover: environment resistant synthetic rubber

Temperature: -40°F to 212°F / -40°C to 100°C



Item No.	ID			WD		OD		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	Dash	mm	IN	MIN	MAX	MIN	MAX	Mpa	psi	Mpa	psi	mm	kg/m
				mm	mm	mm	mm						
R13-12-19	12	19.0	3/4	28.2	29.8	31.0	33.2	35	5075	140	20300	240	1.62
R13-16-25	16	25.0	1	34.9	36.4	37.6	39.8	35	5075	140	20300	300	2.62
R13-20-32	20	31.5	1 1/4	45.6	48.0	48.3	51.3	35	5075	140	20300	420	3.62
R13-24-38	24	38.0	1 1/2	53.1	55.5	55.8	58.8	35	5075	140	20300	500	4.62
R13-32-51	32	51.0	2	66.9	69.3	69.5	72.7	35	5075	140	20300	630	5.62

**DH-R15** ISO3862-1 R15/ SAE100 R15/ EN856 R15

Tube: oil resistant synthetic rubber

Reinforcement: 4 layers 1/2" to 1" / 6 layers 1 1/4" to 2" spiral high tensile steel wire

Cover: environment resistant synthetic rubber

Temperature: -40°F to 212°F / -40°C to 100°C



Item No.	ID			WD	OD	MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	Dash	mm	IN	MAX	MAX	Mpa	psi	Mpa	psi	mm	Kg/m
				mm	mm						
R15-06-10	6	10.0	3/8	20.3	23.3	42	6090	168	24360	150	0.76
R15-08-13	8	12.5	1/2	24.0	26.8	42	6090	168	24360	200	0.88
R15-12-19	12	19.0	3/4	32.9	36.1	42	6090	168	24360	265	1.62
R15-16-25	16	25.0	1	38.9	42.9	42	6090	168	24360	330	2.18
R15-20-32	20	31.5	1 1/4	48.4	51.5	42	6090	168	24360	445	3.58
R15-24-38	24	38.0	1 1/2	56.3	59.6	42	6090	168	24360	530	4.50

## 钢丝编织管 Steel wire braid hose

### DH-1SN ISO1436 SAE100 R1AT/EN853 1SN

Tube: oil resistant synthetic rubber

Reinforcement: 1 layer braid high tensile steel wire

Cover: environment resistant synthetic rubber

Temperature: -40°F to 212°F/ -40°C to 100°C



Item No.	ID			WD		OD	MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	Dash	mm	IN	MIN	MAX	MAX	Mpa	psi	Mpa	psi	mm	Kg/m
				mm	mm	mm						
1SN-03-05	3	5.0	3/16	9.0	10.0	12.5	25	3625	100	14500	90	0.19
1SN-04-06	4	6.3	1/4	10.6	11.6	14.1	22.5	3263	90	13050	100	0.23
1SN-05-08	5	8.0	5/16	12.1	13.3	15.7	21.5	3118	86	12470	115	0.27
1SN-06-10	6	10.0	3/8	14.5	15.7	18.1	18.0	2610	72	10440	130	0.34
1SN-08-13	8	12.5	1/2	17.5	19.1	21.4	16.0	2320	64	9280	180	0.43
1SN-10-16	10	16.0	5/8	20.6	22.2	24.5	13.0	1885	52	7540	200	0.51
1SN-12-19	12	19.0	3/4	24.6	26.2	28.5	10.5	1523	42	6090	240	0.66
1SN-16-25	16	25.0	1	32.5	34.1	36.6	8.8	1276	35	5075	300	1.00
1SN-20-32	20	31.5	1 1/4	39.3	41.7	44.8	6.3	914	25	3625	420	1.35
1SN-24-38	24	38.0	1 1/2	45.6	48.0	52.1	5.0	720	20	2900	500	1.56
1SN-32-51	32	51.0	2	58.7	61.7	65.5	4.0	580	16	2320	630	2.20

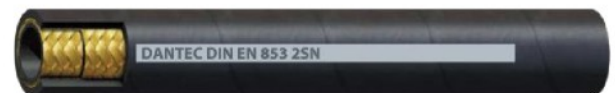
### DH-2SN ISO1436 SAE100 R2AT/EN853 2SN

Tube: oil resistant synthetic rubber

Reinforcement: 2 layers braid high tensile steel wire

Cover: environment resistant synthetic rubber

Temperature: -40°F to 212°F/ -40°C to 100°C



Item No.	ID			WD		OD	MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	Dash	mm	IN	MIN	MAX	MAX	Mpa	psi	Mpa	psi	mm	Kg/m
				mm	mm	mm						
2SN-03-05	3	5.0	3/16	10.6	11.6	14.1	41.5	6018	166	24070	90	0.27
2SN-04-06	4	6.3	1/4	12.1	13.3	15.7	40.0	5800	160	23200	100	0.34
2SN-05-08	5	8.0	5/16	13.7	14.9	17.3	35.0	5075	140	20304	115	0.39
2SN-06-10	6	10.0	3/8	16.1	17.3	19.7	33.0	4785	132	19140	130	0.49
2SN-08-13	8	12.5	1/2	19.0	20.6	23.0	27.5	3988	110	15950	180	0.59
2SN-10-16	10	16.0	5/8	22.2	23.8	26.2	25.0	3625	100	14500	200	0.71
2SN-12-19	12	19.0	3/4	26.2	27.8	30.1	21.5	3118	86	12470	240	0.89
2SN-16-25	16	25.0	1	34.1	35.7	38.9	16.5	2393	66	9570	300	1.37
2SN-20-32	20	31.5	1 1/4	43.3	45.7	49.5	12.5	1813	50	7250	420	2.27
2SN-24-38	24	38.0	1 1/2	49.6	52.0	55.9	9.0	1305	36	5220	500	2.44
2SN-32-51	32	51.0	2	62.3	64.7	68.6	8.0	1160	32	4640	630	3.00

### DH-1SC ISO11237 SC/ SAE J517

Tube: oil resistant synthetic rubber

Reinforcement: 1 layer braid high tensile steel wire

Cover: environment resistant synthetic rubber

Temperature: -40°F to 212°F/ -40°C to 100°C



Item No.	ID			WD		OD	MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	Dash	mm	IN	MIN	MAX	MAX	Mpa	psi	Mpa	psi	mm	Kg/m
				mm	mm	mm						
1SC-04-06	4	6.3	1/4	9.6	10.8	13.5	22.5	3263	90	13050	75	0.12
1SC-05-08	5	8.0	5/16	10.9	12.1	14.5	21.5	3118	86	12470	85	0.14
1SC-06-10	6	10.0	3/8	12.7	14.5	16.9	18.0	2610	72	10440	90	0.19
1SC-08-13	8	12.5	1/2	15.9	18.1	20.4	16.0	2320	64	9280	130	0.22
1SC-10-16	10	16.0	5/8	19.8	21.0	23.0	13.0	1885	52	7540	150	0.27
1SC-12-19	12	19.0	3/4	23.2	24.4	26.7	10.5	1523	42	6090	180	0.35
1SC-16-25	16	25.0	1	30.7	31.9	34.9	8.8	1276	35	5075	230	0.52

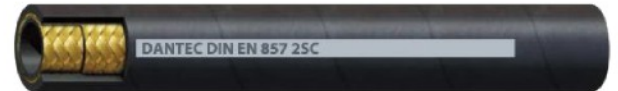
### DH-2SC ISO11237 SC/ SAE J517

Tube: oil resistant synthetic rubber

Reinforcement: 1 layer braid high tensile steel wire

Cover: environment resistant synthetic rubber

Temperature: -40°F to 212°F/ -40°C to 100°C



Item No.	ID			WD		OD	MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	Dash	mm	IN	MIN	MAX	MAX	Mpa	psi	Mpa	psi	mm	Kg/m
				mm	mm	mm						
2SC-04-06	4	6.3	1/4	10.6	11.7	14.2	40.0	5800	160	23200	75	0.19
2SC-05-08	5	8.0	5/16	12.1	13.3	16.0	35.0	5075	140	20300	85	0.22
2SC-06-10	6	10.0	3/8	14.4	15.6	18.3	33.0	4785	132	19140	90	0.28
2SC-08-13	8	12.5	1/2	17.5	19.1	21.5	27.5	3988	110	15950	130	0.36
2SC-10-16	10	16.0	5/8	20.5	22.3	24.7	25.0	3625	100	14500	150	0.41
2SC-12-19	12	19.0	3/4	24.6	26.4	28.6	21.5	3118	86	12470	180	0.54
2SC-16-25	16	25.0	1	32.6	34.3	36.6	16.5	2393	66	9570	230	0.74



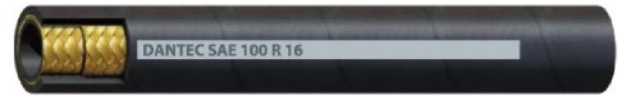
### DH-R16 ISO11237-1 R16/ SAE100 R16

Tube: oil resistant synthetic rubber

Reinforcement: 2 layers braid high tensile steel wire

Cover: environment resistant synthetic rubber

Temperature: -40°F to 212°F / -40°C to 100°C



Item No.	ID			WD	OD	MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	Dash	mm	IN	MAX	MAX	Mpa	psi	Mpa	psi	mm	Kg/m
				mm	mm						
R16-04-06	4	6.3	1/4	12.3	14.5	35.0	5075	140	20300	50	0.30
R16-05-08	5	8.0	5/16	13.3	15.7	29.7	4307	119	17255	55	0.34
R16-06-10	6	10.0	3/8	15.9	18.8	28.0	4060	112	16240	60	0.42
R16-08-13	8	12.5	1/2	19.0	22.0	24.5	3553	98	14210	90	0.54
R16-10-16	10	16.0	5/8	22.5	25.4	21.0	3045	84	12180	100	0.68
R16-12-19	12	19.0	3/4	26.4	29.0	21.0	3045	84	12180	120	0.80
R16-16-25	16	25.0	1	34.0	36.6	14.0	2030	56	8120	150	1.15
R16-20-32	20	31.5	1 1/4	41.9	44.3	11.3	1639	45	6525	210	1.83

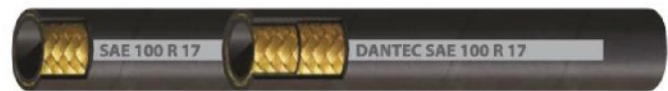
### DH-R17 ISO11237-1 R17/ SAE100 R17

Tube: oil resistant synthetic rubber

Reinforcement: 1 layer 3/16" to 1/2" / 2 layers 5/8" to 1" braid high tensile steel wire

Cover: environment resistant synthetic rubber

Temperature: -40°F to 212°F / -40°C to 100°C



Item No.	ID			WD	OD	MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	Dash	mm	IN	MAX	MAX	Mpa	psi	Mpa	psi	mm	Kg/m
				mm	mm						
R17-03-05	3	5	3/16	10.1	11.6	21	3045	84	12180	45	0.18
R17-04-06	4	6.3	1/4	11.0	13.2	21	3045	84	12180	50	0.20
R17-05-08	5	8.0	5/16	13.0	15.0	21	3045	84	12180	55	0.23
R17-06-10	6	10.0	3/8	15.0	17.0	21	3045	84	12180	65	0.29
R17-08-13	8	12.5	1/2	18.8	21.1	21	3045	84	12180	90	0.38
R17-10-16	10	16.0	5/8	23.6	25.9	21	3045	84	12180	100	0.64
R17-12-19	12	19.0	3/4	27.7	30.3	21	3045	84	12180	120	0.80
R17-16-25	16	25.0	1	35.6	38.6	21	3045	84	12180	150	1.28

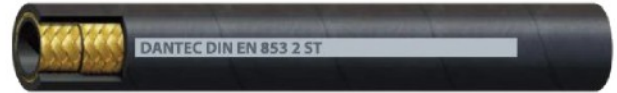
## DH-2ST EN853 2ST

Tube: oil resistant synthetic rubber

Reinforcement: 2 layers braid high tensile steel wire

Cover: environment resistant synthetic rubber

Temperature: -40°F to 212°F / -40°C to 100°C



Item No.	ID			WD		OD		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	Dash	mm	IN	MIN	MAX	MIN	MAX	Mpa	psi	Mpa	psi	mm	Kg/m
				mm	mm	mm	mm						
2ST-04-06	4	6.3	1/4	12.1	13.3	16.7	18.3	35.0	5075	140	20300	100	0.36
2ST-05-08	5	8.0	5/16	13.7	14.9	18.2	19.9	32.0	4640	128	18560	115	0.49
2ST-06-10	6	10.0	3/8	16.1	17.3	20.6	22.2	28.0	4060	112	16240	130	0.61
2ST-08-13	8	12.5	1/2	19.0	20.6	23.8	25.4	25.0	3625	100	14500	180	0.75
2ST-10-16	10	16.0	5/8	22.2	23.8	27.0	28.6	20.0	2900	80	11600	205	0.87
2ST-12-19	12	19.0	3/4	26.2	27.8	31.0	32.6	16.0	2320	64	9280	240	1.09
2ST-16-25	16	25.0	1	34.1	35.7	38.5	40.9	14.0	2030	56	8120	300	1.58
2ST-20-32	20	31.5	1 1/4	43.3	45.7	49.2	52.4	11.0	1595	44	6380	420	2.58
2ST-24-38	24	38.0	1 1/2	49.6	52.0	55.6	58.8	9.0	1305	36	5220	500	2.78
2ST-32-51	32	51.0	2	62.3	64.7	68.2	71.4	8.0	1160	32	4640	630	3.42

## DH-R14

Tube: PTFE

Cover: braid stainless steel wire

Temperature: -76°F to 500°F / -46°C to 260°C



Item No.	ID			OD	W.P.		MIN B.P.		MIN B.R.	WEIGHT
	DN	mm	inch	mm	bar	psi	bar	psi	mm	Kg/m
R14-03	3	3.5	1/8	6.6	208	3000	832	12000	35	0.05
R14-05	5	4.8	3/16	7.9	207	3000	828	12000	36	0.06
R14-06	6	6.4	1/4	9.5	207	3000	828	12000	45	0.08
R14-08	8	8.0	5/16	11.1	150	2175	600	8700	50	0.09
R14-10	10	9.5	3/8	12.5	135	1957	540	7830	55	0.11
R14-13	13	12.9	1/2	16.1	120	1740	480	6930	70	0.15
R14-16	16	16.2	5/8	19.7	100	1450	400	5800	130	0.19
R14-19	19	19.0	3/4	23.6	90	1305	360	5220	190	0.21
R14-22	22	22.3	7/8	26.4	69	1000	276	4000	205	0.26
R14-25	25	25.5	1	29.6	65	942	260	3770	270	0.31

## 纤维编织管 Fiber braid hose

### DH-R3 SAE100 R3

Tube: oil resistant synthetic rubber

Reinforcement: 2 layers braid textile

Cover: oil and abrasion resistant synthetic rubber

Temperature: -40°F to 212°F / -40°C to 100°C



Item No.	ID		OD	W.P.		MIN B.P.		MIN B.R.	WEIGHT
	mm	inch		bar	psi	bar	psi		
R3-05	4.8	3/16	13.5	103	1494	414	6000	70	0.14
R3-06	6.3	1/4	15.1	86	1247	345	5000	76	0.18
R3-08	8.0	5/16	18.3	83	1204	331	4800	102	0.25
R3-10	9.5	3/8	19.8	78	1131	310	4500	102	0.27
R3-13	12.7	1/2	24.6	69	1000	276	4000	127	0.39
R3-16	16.0	5/8	27.8	60	870	241	3500	140	0.55
R3-19	19.0	3/4	32.5	52	754	207	3000	152	0.67
R3-25	25.4	1	39.3	39	566	155	2250	203	0.81
R3-32	32.0	1 1/4	46.0	26	377	103	1500	254	0.92

### DH-R4 SAE100 R4

Tube: oil resistant synthetic rubber

Reinforcement: 2 layers or 4 layers braid textile with body spiral wire

Cover: oil and abrasion resistant synthetic rubber

Temperature: -40°F to 212°F / -40°C to 100°C



Item No.	ID		OD	W.P.		MIN B.P.		MIN B.R.	WEIGHT
	mm	inch		bar	psi	bar	psi		
R4-19	19.0	3/4	34.2	21	300	83	1200	95	0.7
R4-25	25.4	1	40.2	17	250	69	1000	125	0.8
R4-32	31.8	1 1/4	48.8	14	200	55	800	160	1.0
R4-38	38.1	1 1/2	54.8	10	150	41	600	200	1.2
R4-51	50.8	2	67.8	7	100	28	400	255	1.5
R4-64	63.5	2 1/2	81.4	4	62	16	248	315	2.2
R4-76	76.2	3	94.4	4	62	16	248	380	2.6
R4-89	89.0	3 1/3	107.2	4	62	16	248	400	3.1
R4-102	102.0	4	120.2	4	62	16	248	510	3.5

### DH-R5 SAE 100R5

Application: for medium pressure hydraulic oil lines, other air, water and oil service

Inner tube: black, synthetic rubber

Reinforcement: inner braid and a braid of higher tensile steel wire

Cover: black, oil resistant textile braid

Temperature: -40°F to 212°F/ -40°C to 100°C



Item No.	ID		OD	W.P.		MIN B.P.		Min B.R.	WEIGHT
	mm	Inch		Bar	Psi	Bar	psi		
R5-05	4.8	3/16	13.2	207	3002	827	11992	76	0.21
R5-06	6.3	1/4	15.0	207	3002	827	11992	86	0.27
R5-08	8.0	5/16	17.0	155	2248	621	9005	102	0.34
R5-10	10.5	13/32	19.5	138	2001	552	8004	117	0.39
R5-13	12.7	1/2	23.5	121	1746	483	6984	140	0.53
R5-16	16.0	5/8	27.5	103	1494	414	5976	165	0.65
R5-22	22.0	7/8	31.5	55	798	221	3192	183	0.84
R5-28	28.0	1-1/8	38.0	43	624	172	2496	229	0.91
R5-35	35.0	1-3/8	44.5	34	493	138	1972	267	1.00
R5-46	46.0	1-13/16	56.4	24	348	97	1392	337	1.48

### DH-R6 SAE 100R6

Application: recommended for using on low pressure and return lines

Inner tube: oil resistant synthetic rubber

Reinforcement: 1 layer braid textile

Cover: black, oil and abrasion resistant synthetic rubber

Temperature: -40°F to 212°F/ -40°C to 100°C



Item No.	ID		OD	W.P.		MIN B.P.		Min B.R.	WEIGHT
	mm	Inch		Bar	Psi	Bar	psi		
R6-05	4.8	3/16	11.1	34	493	110	1972	51	0.10
R6-06	6.4	1/4	12.7	28	406	110	1624	64	0.13
R6-08	8.0	5/16	14.3	28	406	110	1624	76	0.15
R6-10	9.5	3/8	15.9	28	406	110	1624	76	0.18
R6-13	12.7	1/2	19.8	28	406	110	1624	102	0.26
R6-16	16.0	5/8	23.0	24	348	100	1392	125	0.31
R6-19	19.0	3/4	26.6	17	247	85	988	140	0.47
R6-25	25.4	1	32.0	17	247	85	988	150	0.71

### DH-R7 SAE 100R7/ DIN EN855

Application: for medium pressure hydraulic systems, such as machine tool applications and lift equipment

Inner tube: thermoplastic nylon

Reinforcement: 2 layers braid synthetic textile

Cover: urethane

Temperature: -40°F to 212°F/ -40°C to 100°C



Item No.	ID		OD	W.P.		MIN B.P.		WEIGHT
	mm	Inch		Bar	Psi	Bar	psi	
R7-03	3.3	1/8	8.5	172	2500	689	10000	0.037
R7-05	4.8	3/16	10.8	207	3000	827	12000	0.068
R7-06	6.4	1/4	13.0	207	3000	827	12000	0.085
R7-08	7.9	5/16	15.1	172	2500	689	10000	0.103
R7-10	9.5	3/8	17.0	155	2248	621	9000	0.141
R7-13	12.7	1/2	20.7	138	2000	552	8000	0.210
R7-19	19.0	3/4	26.0	86	1247	345	5000	0.287
R7-25	25.4	1	32.0	69	1000	276	4000	0.542

### DH-R8 SAE100 R8 / DIN EN855

Application: high pressure hydraulic oil lines

Inner tube: nylon

Reinforcement: 2 layers braid synthetic fiber

Cover: abrasion, ozone and weather resistant black urethane

Temperature: -40°F to 212°F/ -40°C to 100°C



Item No.	ID		OD	W.P.		MIN B.P.		WEIGHT
	mm	Inch		Bar	Psi	Bar	psi	
R8-05	4.8	3/16	13.1	345	5000	1379	20000	0.110
R8-06	6.4	1/4	15.9	345	5000	1379	20000	0.128
R8-08	8.0	5/16	17.0	300	4350	1200	17400	0.150
R8-10	9.4	3/8	19.0	276	4000	1103	16000	0.175
R8-13	12.7	1/2	22.7	241	3500	965	14000	0.205
R8-16	16.0	5/8	25.0	130	1885	520	7540	0.290
R8-19	19.0	3/4	29.0	110	1595	440	6380	0.345
R8-25	25.0	1	34.0	100	1450	400	5800	0.450

## DH-Air hose

Application: for transmission of oxygen and ethyne gas.

Inner tube: black NR & SBR synthetic rubber

Reinforcement: high tenacity fiber

Cover: synthetic rubber with red/blue/green color. EPDM synthetic rubber can also be used as the inner layer or outer cover.

Temperature: -4°F to 113°F/ -20°C to 45°C

EPDM hose: -4°F to 248°F/ -20°C to 120°C



Item No.	ID		OD	W.P.		MIN B.P.		WEIGHT
	mm	Inch		Bar	Psi	Bar	psi	
DH-AH-6	6.4	1/4	12.5	20	300	60	900	0.16
DH-AH-8	8.0	5/16	15.3	20	300	60	900	0.21
DH-AH-10	10.0	3/8	16.8	20	300	60	900	0.25
DH-AH-13	13.0	1/2	20.5	20	300	60	900	0.35
DH-AH-16	16.0	5/8	24.5	20	300	60	900	0.45
DH-AH-19	19.0	3/4	28.5	20	300	60	900	0.60
DH-AH-25	25.0	1	35.5	20	300	60	900	0.79
DH-AH-32	32.0	1-1/4	43.0	20	300	60	900	1.26
DH-AH-38	38.0	1-1/2	50.0	20	300	60	900	1.42
DH-AH-51	51.0	2	63.0	20	300	60	900	1.80

## DH-Water hose

Application: for water transmission.

Inner tube: black NR & SBR synthetic rubber

Reinforcement: high tenacity fiber

Cover: NR & SBR synthetic rubber (red/blue/green etc.)

Temperature: -4°F to 113°F/ -20°C to 45°C

EPDM hose: -4°F to 248°F/ -20°C to 120°C



Item No.	ID		OD	W.P.		MIN B.P.		WEIGHT
	mm	Inch		Bar	Psi	Bar	psi	
DH-WH-6	6.4	1/4	12.5	20	300	60	900	0.15
DH-WH-8	8.0	5/16	14.5	20	300	60	900	0.20
DH-WH-10	9.5	3/8	16.5	20	300	60	900	0.24
DH-WH-13	12.7	1/2	20.0	20	300	60	900	0.29
DH-WH-16	16.0	5/8	23.0	20	300	60	900	0.36
DH-WH-19	19.0	3/4	27.0	20	300	60	900	0.48
DH-WH-25	25.0	1	34.0	20	300	60	900	0.69
DH-WH-32	32.0	1-1/4	42.5	20	300	60	900	1.20
DH-WH-38	38.0	1-1/2	48.5	20	300	60	900	1.38
DH-WH-51	51.0	2	62.0	20	300	60	900	1.76

## DH-Fuel hose

Application: for transmission of mineral oil such as diesel, gasoline, Machine oil and lubricant etc. It can be used to manufacture static conducting rubber hose.

Inner tube: black NR & SBR synthetic rubber

Reinforcement: high tenacity fiber

Cover: NR & SBR synthetic rubber (red/blue/green etc.)

Temperature: -4°F to 248°F/ -20°C to 120°C



Item No.	ID		OD	W.P.		MIN B.P.		WEIGHT
	mm	Inch		Bar	Psi	Bar	psi	
DH-FH-6	6.4	1/4	12.5	20	300	60	900	0.16
DH-FH-8	8.0	5/16	15.3	20	300	60	900	0.21
DH-FH-10	9.5	3/8	16.8	20	300	60	900	0.25
DH-FH-13	12.7	1/2	21.0	20	300	60	900	0.35
DH-FH-16	16.0	5/8	25.0	20	300	60	900	0.48
DH-FH-19	19.0	3/4	29.0	20	300	60	900	0.62
DH-FH-25	25.0	1	36.0	20	300	60	900	0.82
DH-FH-32	32.0	1-1/4	43.0	20	300	60	900	1.26
DH-FH-38	38.0	1-1/2	50.0	20	300	60	900	1.42
DH-FH-51	51.0	2	63.0	20	300	60	900	1.80

## 企业标准管 Enterprise standard hose

### DH-Jet wash hose

#### PW1 hose & PW2 hose

Application: for pressure washer machine and equipment with working pressure up to 6000psi

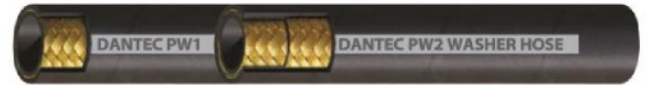
Tube: synthetic rubber

Reinforcement: 1 or 2 layer high tensile steel wire

Cover: synthetic rubber cloth wrapped or smooth non marking

Color: black, blue, grey, yellow, red

Temperature: -40°F to 212°F / -40°C to 100°C



Item No.	ID		WD		OD	MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	mm	Inch	Min-mm	Max-mm		mm	Mpa	Psi	Mpa		
DH-PW1-6	6.3	1/4	10.6	11.6	14.1	27.5	4000	82.5	12000	100	0.23
DH-PW1-8	8.0	5/16	12.1	13.3	15.7	27.5	4000	82.5	12000	115	0.27
DH-PW1-10	10.0	3/8	14.5	15.7	18.1	27.5	4000	82.5	12000	125	0.34
DH-PW1-13	12.5	1/2	17.5	19.1	21.4	20.5	3000	61.5	9000	180	0.43
DH-PW2-6	6.3	1/4	12.0	13.3	15.7	41.5	6000	124.5	18000	100	0.34
DH-PW2-8	8.0	5/16	13.7	14.9	17.3	41.5	6000	124.5	18000	115	0.39
DH-PW2-10	10.0	3/8	16.1	17.3	19.7	41.5	6000	124.5	18000	130	0.49
DH-PW2-13	12.5	1/2	19.0	20.6	23.0	34.5	5000	103.5	15000	180	0.59

### PW4 hose

Application: for pressure washer machine and equipment with working pressure up to 12000psi

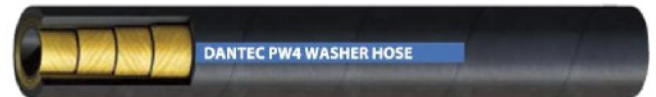
Tube: synthetic rubber

Reinforcement: 4 layer high tensile steel wire

Cover: synthetic rubber cloth wrapped non marking

Color: black, blue, grey, yellow, red

Temperature: -40°F to 212°F / -40°C to 100°C



Item No.	ID		WD		OD	MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
	mm	Inch	Min-mm	Max-mm		mm(Max)	Mpa	Psi	Mpa		
DH-PW4-10	9.5	3/8	16.9	18.1	21.4	82.8	12000	207	30000	180	0.85
DH-PW4-13	12.8	1/2	19.4	21.0	25.5	82.8	12000	207	30000	230	1.20
DH-PW4-19	19.0	3/4	27.4	29.0	32.0	82.8	12000	207	30000	300	1.95



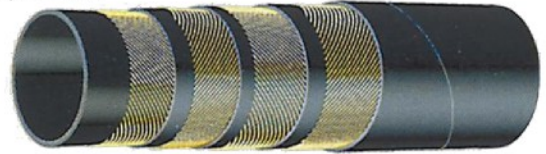
## DH-Concrete hose

Application: hose range suitable to transport concrete for bridge, construction, tunnel, road etc

Material: synthetic rubber

Construction: an inner tube of high abrasion resistance

synthetic rubber, high-pressure steel cord spiral reinforcements and weather resistant synthetic rubber cover



Item No.	HOSE SIZE	ID	COD	MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT
		mm	mm	Bar	psi	Bar	psi	mm	Kg/m
DH-CH-32	1-1/4"	32	48±1.0	85	1233	200	2900	270	2.4
DH-CH-38	1-1/2"	38	54±1.0	85	1233	200	2900	290	2.6
DH-CH-51	2"	51	69±1.5	85	1233	200	2900	360	2.8
DH-CH-64	2-1/2"	64	87±1.5	85	1233	200	2900	420	4.3
DH-CH-76	3"	76	103±1.5	85	1233	200	2900	470	6.0
DH-CH-89	3-1/2"	89	117±1.5	85	1233	200	2900	510	7.5
DH-CH-102	4"	102	132±2.0	85	1233	200	2900	720	9.1
DH-CH-127	5"	127	157±2.0	85	1233	200	2900	950	12.8
DH-CH-152	6"	152	185±2.0	85	1233	200	2900	1100	17.0

## DH-Water suction and discharge hose

Application: designed for full suction and discharge pressure; It handles sewage, waste water etc

Inner Tube: black SBR, styrene butadiene rubber synthetic rubber

Outer Cover: black SBR, styrene butadiene rubber synthetic rubber

Reinforcement: multi-layer fiber layer with spiral wire strengthening

Working temperature: -20°F to 180°F/ -30°C to 82°C

Notes: Not bend over bending diameter, not squeeze over, avoid colliding flange surface



Item No.	ID		Ply	OD		LENGTH		Bending Radius		W.P.		Vacuum	WEIGHT
	mm	IN		IN	mm	Ft	M	In	mm	Psi	Kg/c m <sup>2</sup>	Mm-Hg	Kg/m
DH-WS-25	25.4	1	2	1.437	36.5	200	60	6	150	150	10	736.6	0.89
DH-WS-32	31.8	1-1/4	2	1.689	42.9	200	60	8	200	150	10	736.6	1.04
DH-WS-38	38.1	1-1/2	2	1.937	49.2	200	60	10	250	150	10	736.6	1.21
DH-WS-51	50.8	2	2	2.457	62.4	200	60	12	300	150	10	736.6	1.69
DH-WS-64	63.5	2-1/2	2	2.957	75.1	200	60	15	375	150	10	736.6	2.04
DH-WS-76	76.2	3	2	3.496	88.8	200	60	20	500	150	10	736.6	2.80
DH-WS-102	101.6	4	2	4.587	116.5	200	60	28	700	150	10	736.6	4.67
DH-WS-127	127.0	5	4	5.752	146.1	200	60	40	1000	150	10	736.6	6.45
DH-WS-152	152.4	6	4	6.752	171.5	200	60	48	1200	150	10	736.6	7.63
DH-WS-203	203.2	8	4	8.854	224.9	100	30	64	1600	150	10	736.6	13.01
DH-WS-254	254.0	10	6	11.11	282.2	65	20	100	2500	150	10	736.6	21.98

## DH-Oil suction and discharge hose

Application: handle petroleum products up to 50% aromatics on marine docks, ships, and barges

Characteristics: flexible; abrasion, aging, oil, weather, ozone resistance

Hose lining: NBR

Reinforcement layer: tire cord with helix wire

Cover rubber layer: CR and NBR blend

Working temperature: -4°F to 248°F/ -20°C to 120°C

Notes: not bend over bending diameter, not squeeze over, avoid colliding flange surface



Item No.	ID		Ply	OD		LENGTH		MIN B.R.		W.P.		Vacuum Mm-Hg	WEIGHT Kg/m
	mm	IN		IN	mm	Ft	M	In	mm	Psi	Kg/c m <sup>2</sup>		
DH-OS-25	25.4	1	2	1.421	36.1	200	60	6	150	150	10	736.6	0.80
DH-OS-32	31.8	1-1/4	2	1.673	42.5	200	60	8	200	150	10	736.6	0.98
DH-OS-38	38.1	1-1/2	2	1.921	48.8	200	60	10	250	150	10	736.6	1.16
DH-OS-51	50.8	2	2	2.457	63.0	200	60	8	200	150	10	736.6	1.56
DH-OS-76	76.2	3	2	2.480	88.5	200	60	12	300	150	10	736.6	2.26
DH-OS-102	101.6	4	2	3.484	116.5	200	60	16	400	150	10	736.6	4.23
DH-OS-152	152.4	5	4	4.587	170.8	200	60	30	750	150	10	736.6	5.91
DH-OS-203	203.4	6	4	6.724	225.2	200	60	48	1200	150	10	736.6	10.00

## DH-Bulk material/ mud suction and discharge hose

Application: used with dredgers for silt, gravels, port, dock, seawater, sand conveyance and discharging flood etc

Characteristics: flexible; anti-wave, wear-resistance, weather-resistance, aging-resistance, seawater resistance

Hose lining: NR, SBR, BR

Reinforcement layer: tire cord with helix wire.

Cover rubber layer: CR and NBR blend

Working temperature: -22°F to 176°F/ -30°C to 80°C

Notes: Not bend over bending diameter, not squeeze over, avoid colliding flange surface



Item No.	ID		OD		W.P.		B.P.		LENGTH meter
	mm	Inch	mm	Inch	Mpa	Bar	Mpa	Bar	
DH-MS-152	152	6	182	7-1/4	1.2	12	2.4	24	20
DH-MS-203	203	8	233	9-1/5	1.2	12	2.4	24	20
DH-MS-254	254	10	284	11-1/5	1	10	2	20	10
DH-MS-304	304	12	340	13-2/5	1	10	2	20	6-10
DH-MS-350	350	14	390	15-2/5	1	10	2	20	6-10
DH-MS-450	450	18	486	19-1/5	0.7	7	1.5	15	6-10
DH-MS-550	550	22	590	23-3/5	0.7	7	1.5	15	6-10
DH-MS-600	600	24	640	25-3/5	0.7	7	1.5	15	6-10
DH-MS-700	700	28	750	29-3/5	0.7	7	1.5	15	6-10
DH-MS-800	800	32	850	33-1/2	0.5	5	1	10	6-10
DH-MS-1000	1000	40	1050	41-1/2	0.5	5	1	10	6
DH-MS-1200	1200	48	1250	49-1/2	0.5	5	1	10	6
DH-MS-1300	1300	52	1350	53-1/2	0.5	5	1	10	6

## DH-Drilling hose

Construction: composed of an inner rubber protection layer, middle rubber layer, steel wire spiral layer and external rubber cover

Application: It's used in oil fields, well cementing, well repairing, geological explorations, small drilling machine, and water conveyance at local excavations. Used to carry slurry. Water at environmental temperature, and other fluid.



Item No.	ID		WD mm	OD		MAX W.P.		MIN B.P.		MIN B.R. mm	WEIGHT Kg/m
	mm	IN		MIN mm	MAX mm	Mpa	psi	Mpa	psi		
DH-2SP-64	64±1.0	2-1/2	73.4±1.5	75	79	10.3	1493	30.9	4480	900	6.4
DH-2SP-76	76±1.0	3	93±1.5	96	100	10.3	1493	30.9	4480	1200	8.5
DH-2SP-89	89±1.4	3-1/2	106±1.5	109	113	10.3	1493	30.9	4480	1400	11
DH-2SP-102	102±1.5	4	119±2.0	121	127	10.3	1493	30.9	4480	1400	13.6
DH-2SP-127	127±1.5	5	135±2.0	137	143	10.3	1493	30.9	4480	1600	15.5
DH-2SP-152	152±2.0	6	173±3.0	176	184	10.3	1493	30.9	4480	1700	18
DH-2SP-203	203±2.0	8	225±3.0	228	236	10.3	1493	30.9	4480	3050	24
DH-2SP-254	254±2.0	10	280±3.0	284	292	10.3	1493	30.9	4480	3810	30
DH-2SP-305	305±2.0	12	330±3.0	334	342	10.3	1493	30.9	4480	4510	36
DH-4SP-38	38±1.0	1-1/2	52.5±1.0	53.5	56.5	35	5075	87.5	12679	600	4.62
DH-4SP-45	45±1.0	1-3/4	58.8±1.0	60.5	63.5	35	5075	87.5	12679	700	5.2
DH-4SP-51	51±1.0	2	65.5±1.0	67.8	70.8	35	5075	87.5	12679	900	5.7
DH-4SP-64	64±1.0	2-1/2	79.9±1.5	82	86	35	5075	87.5	12679	900	6.7
DH-4SP-76	76±1.0	3	104±1.5	107	111	35	5075	87.5	12679	1200	16.2
DH-4SP-89	89±1.4	3-1/2	117±1.5	120	124	35	5075	87.5	12679	1400	18.4
DH-4SP-102	102±1.5	4	129±2.0	132	138	35	5075	87.5	12679	1400	20.3
DH-4SP-127	127±1.5	5	144.5±2.0	147.5	153.5	35	5075	87.5	12679	1600	22.5
DH-4SP-152	152±2.0	6	184±3.0	188	196	16	2320	48	6960	1700	24
DH-6SP-51	51±1.0	2	69.2±1.0	71.5	74.5	70	10150	175	25400	900	6.2
DH-6SP-64	64±1.0	2-1/2	85±1.5	87.5	91.5	70	10150	175	25400	900	7.4
DH-6SP-76	76±1.0	3	113.5±1.5	116.5	120.5	70	10150	175	25400	1500	23.7
DH-6SP-89	89±1.4	3-1/2	124.5±1.5	127.5	131.5	70	10150	175	25400	1500	26.6
DH-6SP-102	102±1.5	4	136.5±2.0	138.5	144.5	70	10150	175	25400	1500	29.8



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