

METAQUIP®

Hydraulic Rubber Hoses



HYDRAULIC HOSE DIN EN 853 1SN



Part No.	Dash	DN										
			Hose I.D.		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(inch)	(mm)
H321003	3	5	3/16"	4.8	0.47	12.0	3625	250	14500	1000	3.54	90
H321004	4	6	1/4"	6.4	0.52	13.2	3275	225	13100	900	3.94	100
H321005	5	8	5/16"	8.0	0.59	15.1	3125	215	12500	850	4.53	115
H321006	6	10	3/8"	9.5	0.68	17.2	2625	180	10500	720	5.12	130
H321008	8	12	1/2"	12.7	0.79	20.2	2325	160	9300	640	7.09	180
H321010	10	16	5/8"	16.0	0.93	23.6	1900	130	7600	520	7.87	200
H321012	12	19	3/4"	19.0	1.08	27.5	1525	105	6100	420	9.45	240
H321016	16	25	1"	25.4	1.39	35.3	1275	88	5100	350	11.81	300
H321020	20	31	1.1/4"	31.8	1.70	43.2	915	63	3660	250	16.54	420
H321024	24	38	1.1/2"	38.1	1.95	49.6	725	50	2900	200	19.69	500
H321032	32	51	2"	50.8	2.50	63.5	580	40	2320	160	24.80	630

APPLICATIONS

Low-medium pressure lines, return lines, in severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

One high tensile steel wire braid

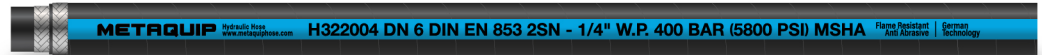
COVER

Synthetic rubber with high temperature, abrasion, ozone and weather resistance

TEMPERATURE RANGE

-40°C to +100°C

HYDRAULIC HOSE DIN EN 853 2SN



Part No.	Dash	DN										
			Hose I.D.		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(inch)	(mm)
H322003	3	5	3/16"	4.8	0.55	14.0	6010	415	24040	1660	3.54	90
H322004	4	6	1/4"	6.4	0.59	15.0	5800	400	23200	1600	3.94	100
H322005	5	8	5/16"	8.0	0.65	16.5	5075	350	20300	1400	4.53	115
H322006	6	10	3/8"	9.5	0.74	18.8	4800	330	19200	1320	5.12	130
H322008	8	12	1/2"	12.7	0.87	22.0	4000	276	16000	1104	7.09	180
H322010	10	16	5/8"	16.0	0.99	25.2	3625	250	14500	1000	7.87	200
H322012	12	19	3/4"	19.0	1.15	29.2	3100	215	12400	860	9.45	240
H322016	16	25	1"	25.4	1.48	37.6	2400	165	9600	660	11.81	300
H322020	20	31	1.1/4"	31.8	1.87	47.5	1800	125	7200	500	16.54	420
H322024	24	38	1.1/2"	38.1	2.14	54.3	1300	90	5200	360	19.69	500
H322032	32	51	2"	50.8	2.50	67.0	1160	80	4640	320	24.80	630

APPLICATIONS

Medium-high pressure lines in severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Two high tensile steel wire braids

COVER

Synthetic rubber with high temperature, abrasion, ozone and weather resistance

TEMPERATURE RANGE

-40°C to +100°C

HYDRAULIC HOSE DIN EN 856 4SP



Part No.	Dash	DN										
			Hose I.D.		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(inch)	(mm)
H323004	4	6	1/4"	6.4	0.69	17.6	6525	450	26100	1800	5.91	150
H323006	6	10	3/8"	9.5	0.83	21.1	6450	445	25810	1780	7.09	180
H323008	8	12	1/2"	12.7	0.96	24.3	6015	415	24070	1660	9.06	230
H323010	10	16	5/8"	16.0	1.10	27.9	5075	350	20300	1400	9.84	250
H323012	12	19	3/4"	19.0	1.26	31.9	5075	350	20300	1400	11.81	300
H323016	16	25	1"	25.4	1.54	39.2	4060	280	16240	1120	13.39	340
H323020	20	31	1.1/4"	31.8	1.98	50.2	3045	210	12180	840	18.11	460
H323024	24	38	1.1/2"	38.1	2.23	56.6	2680	185	10700	740	22.05	560
H323032	32	51	2"	50.8	2.72	69.2	2395	165	10000	690	25.98	660

APPLICATIONS

Very high pressure power lines in severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Four high tensile steel wire spirals

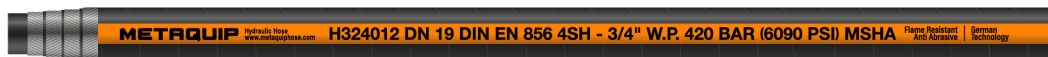
COVER

Synthetic rubber with high temperature, abrasion, ozone and weather resistance

TEMPERATURE RANGE

-40°C to +100°C

HYDRAULIC HOSE DIN EN 856 4SH



Part No.	Dash	DN										
			Hose I.D.		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(inch)	(mm)
H324012	12	19	3/4"	19.0	1.26	31.9	6090	420	24360	1680	11.02	280
H324016	16	25	1"	25.4	1.51	38.3	5510	380	22040	1520	13.39	340
H324020	20	31	1.1/4"	31.8	1.77	44.9	5075	350	18850	1300	18.11	460
H324024	24	38	1.1/2"	38.1	2.08	52.9	4205	290	16820	1160	22.05	560
H324032	32	51	2"	50.8	2.66	67.5	3625	250	14500	1000	27.56	700

APPLICATIONS

Very high pressure power lines in severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Four high tensile steel wire spirals

COVER

Synthetic rubber with high temperature, abrasion, ozone and weather resistance

TEMPERATURE RANGE

-40°C to +100°C

HYDRAULIC HOSE SAE 100 R13



Part No.	Dash	DN										
			Hose I.D.		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(inch)	(mm)
H313012	12	19	3/4"	19.0	1.32	33.7	5075	350	20300	1400	9.45	240
H313016	16	25	1"	25.4	1.58	40.3	5075	350	20300	1400	11.81	300
H313020	20	31	1.1/4"	31.8	2.04	52.0	5075	350	20300	1400	16.54	420
H313024	24	38	1.1/2"	38.1	2.34	59.5	5075	350	20300	1400	19.69	500
H313032	32	51	2"	50.8	2.90	73.4	5075	350	20300	1400	24.80	630

APPLICATIONS

Heavy duty very high pressure power lines in severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Four high tensile steel wire spirals (DN 19-25)
Six high tensile steel wire spirals (DN 31-51)

COVER

Synthetic rubber with high temperature, abrasion, ozone and weather resistance

TEMPERATURE RANGE

-40°C to +121°C

HYDRAULIC HOSE SAE 100 R15



Part No.	Dash	DN										
			Hose I.D.		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(inch)	(mm)
H315012	12	19	3/4"	19.0	1.26	31.9	6090	420	24360	1680	10.43	265
H315016	16	25	1"	25.4	1.50	38.2	6090	420	24360	1680	12.99	330
H315020	20	31	1.1/4"	31.8	1.99	50.5	6090	420	24360	1680	17.52	445
H315024	24	38	1.1/2"	38.1	2.26	57.4	6090	420	24360	1680	20.87	530
H315032	32	51	2"	50.8	2.81	71.5	6090	420	24360	1680	23.62	600

APPLICATIONS

Heavy duty very high pressure power lines in severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Four high tensile steel wire spirals (DN 19-25)
Six high tensile steel wire spirals (DN 31-51)

COVER

Synthetic rubber with high temperature, abrasion, ozone and weather resistance

TEMPERATURE RANGE

-40°C to +121°C

HYDRAULIC HOSE SAE 100 R6 / DIN EN 854 1TE



Part No.	Dash	DN										
			Hose I.D.		Hose O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(inch)	(mm)
H306003	3	5	3/16"	4.8	0.44	11.1	510	35	2030	140	2.0	50
H306004	4	6	1/4"	6.4	0.50	12.7	435	30	1670	115	2.6	65
H306005	5	8	5/16"	8.0	0.56	14.3	435	30	1670	115	3.0	75
H306006	6	10	3/8"	9.5	0.63	15.9	435	30	1670	115	3.0	75
H306008	8	12	1/2"	12.7	0.78	19.8	435	30	1670	115	3.9	100
H306010	10	16	5/8"	16.0	0.91	23.0	363	25	1450	100	4.9	125
H306012	12	19	3/4"	19.0	1.05	26.6	363	25	1235	85	5.9	150
H306016	16	25	1"	25.4	1.33	33.8	218	15	870	60	7.9	200

APPLICATIONS

Low-medium pressure lines, general purpose applications

TUBE

synthetic rubber resistant to oil and water

REINFORCEMENT

One layer of textile braid

COVER

Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions

TEMPERATURE RANGE

-40°C to +100°C



FLUID POWER COMPANY

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Hydraulic Rubber Hoses