

HS PRIMROSE Hose Catalogue



HOSE STRUCTURE

Inner: Oil Resistant Synthetic Rubber
 Reinforcement layer: Steel Wire
 Outer: Ozone and Abrasion Resistant Synthetic Rubber



RECOMMENDED FLUID

General Hydraulic Oil, Mineral Hydraulic Oil

HOSE USE TEMPERATURE

-40°C ~ +100°C (-40° F ~ +212° F)

ANHUI HS HYDRAULIC TECHNOLOGY CO., LTD

1SN	Φ NOM.	Φ I. D.		Φ Braide O. D.		Φ O. D.		Max. W. P.		Min. B. P.		Min. B. R.		Weight	
		inch	mm	inch	mm	inch	mm	MPa	psi	MPa	psi	mm	inch	g/m	lbs/ft
-04	1/4"	0.26	6.6	0.43	11.0	0.51	13.0	22.5	3,250	90.0	13,000	60	2.36	210	0.14
-05	5/16"	0.32	8.1	0.50	12.6	0.58	14.8	21.5	3,120	86.0	12,480	65	2.56	270	0.18
-06	3/8"	0.39	10.0	0.58	14.8	0.66	16.8	18.0	2,600	72.0	10,400	70	2.76	320	0.22
-08	1/2"	0.51	13.0	0.69	17.4	0.78	19.8	16.0	2,320	64.0	9,280	80	3.15	390	0.26
-10	5/8"	0.63	15.9	0.82	20.8	0.91	23.2	13.0	1,880	52.0	7,520	110	4.33	470	0.32
-12	3/4"	0.76	19.3	0.95	24.2	1.06	26.8	10.5	1,520	42.0	6,080	130	5.12	590	0.40
-16	1"	1.00	25.4	1.24	31.6	1.36	34.6	8.8	1,280	35.2	5,120	170	6.69	870	0.58
-20	1-1/4"	1.25	31.8	1.54	39.1	1.66	42.1	6.3	920	25.2	3,680	210	8.27	1,090	0.73
-24	1-1/2"	1.50	38.1	1.79	45.4	1.91	48.6	5.0	725	20.0	2,900	240	9.45	1,280	0.86
-32	2"	2.00	50.8	2.30	58.5	2.43	61.7	4.0	580	16.0	2,320	310	12.20	1,770	1.19

2SN	Φ NOM.	Φ I. D.		Φ Braide O. D.		Φ O. D.		Max. W. P.		Min. B. P.		Min. B. R.		Weight	
		inch	mm	inch	mm	inch	mm	MPa	psi	MPa	psi	mm	inch	g/m	lbs/ft
-04	1/4"	0.26	6.6	0.00	12.6	0.57	14.6	40.0	5,800	160.0	23,200	80	3.15	350	0.24
-05	5/16"	0.32	8.1	0.00	14.1	0.64	16.3	35.0	5,100	140.0	20,400	90	3.54	430	0.29
-06	3/8"	0.39	10.0	0.00	16.4	0.72	18.4	33.0	4,780	132.0	19,120	100	3.94	520	0.35
-08	1/2"	0.51	13.0	0.00	18.8	0.83	21.2	27.5	4,000	110.0	16,000	100	3.94	590	0.40
-10	5/8"	0.63	15.9	0.00	22.1	0.96	24.5	25.0	3,620	100.0	14,480	120	4.72	720	0.48
-12	3/4"	0.76	19.3	0.00	26.1	1.13	28.7	21.5	3,120	86.0	12,480	140	5.51	920	0.62
-16	1"	1.00	25.4	0.00	34.1	1.46	37.1	16.5	2,400	66.0	9,600	180	7.09	1,370	0.92
-20	1-1/4"	1.25	31.8	0.00	43.2	1.82	46.2	12.5	1,800	50.0	7,200	220	8.66	1,830	1.23
-24	1-1/2"	1.50	38.1	0.00	49.5	2.07	52.7	9.0	1,300	36.0	5,200	260	10.24	2,090	1.40
-32	2"	2.00	50.8	0.00	63.0	2.61	66.2	8.0	1,150	32.0	4,600	320	12.60	2,860	1.92



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HOSE USE TEMPERATURE

-40°C ~ +120°C (-40° F ~ +250° F)

4SP	Φ NOM.	Φ I. D.		Φ Braide O. D.		Φ O. D.		Max. W. P.		Min. B. P.		Min. B. R.		Weight	
		inch	mm	inch	mm	inch	mm	MPa	psi	MPa	psi	mm	inch	g/m	lbs/ft
-06	3/8"	0.37	9.5	0.70	17.7	0.84	21.3	44.5	6,500	178.0	26,000	130	5.12	765	0.52
-08	1/2"	0.51	12.9	0.81	20.7	0.96	24.3	41.5	6,000	166.0	24,000	140	5.51	925	0.62
-10	5/8"	0.63	16.0	0.94	23.8	1.10	28.0	38.0	5,500	152.0	22,000	160	6.30	1,115	0.75
-12	3/4"	0.76	19.2	1.11	28.2	1.25	31.8	38.0	5,500	152.0	22,000	200	7.87	1,450	0.98
-16	1"	1.00	25.4	1.39	35.4	1.55	39.4	32.0	4,650	128.0	18,600	230	9.06	1,945	1.32

4SH	Φ NOM.	Φ I. D.		Φ Braide O. D.		Φ O. D.		Max. W. P.		Min. B. P.		Min. B. R.		Weight	
		inch	mm	inch	mm	inch	mm	MPa	psi	MPa	psi	mm	inch	g/m	lbs/ft
-12	3/4"	0.76	19.2	1.11	28.2	1.25	31.8	42.0	6,100	168.0	24,400	230	9.06	1,450	0.98
-16	1"	1.00	25.4	1.39	35.2	1.53	38.8	38.0	5,500	152.0	22,000	240	9.45	2,010	1.36
-20	1-1/4"	1.25	31.8	1.64	41.7	1.80	45.7	32.5	4,700	130.0	18,800	250	9.84	2,565	1.74
-24	1-1/2"	1.50	38.1	1.91	48.6	2.09	53.0	29.0	4,200	116.0	16,800	310	12.20	3,130	2.12
-32	2"	2.00	50.8	2.50	63.4	2.67	67.8	25.0	3,600	100.0	14,400	450	17.72	4,975	3.37