

ADDING RELIABILITY TO YOUR HYDRAULIC SYSTEMS



SAE 100 R1 AT / DIN - EN 853 1 SN STEEL WIRE BRAIDED HYDRAULIC HOSE

TUBE : HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER
 REINFORCEMENT : HIGH TENSILE STEEL 1 WIRE BRAID
 COVER : OIL, ABRASION AND WEATHER RESISTANT WRAPPED SYNTHETIC RUBBER
 APPLICATION : FOR HIGH PRESSURE HYDRAULIC SYSTEMS IN INDUSTRY AND AGRICULTURE

ID		OD	WP		BP		BR
Inch	mm	mm	BAR	PSI	BAR	PSI	mm
3/16	4.8	11.8	250	3625	1000	14500	90
1/4	6.4	13.4	225	3263	900	13050	100
5/16	8	15	215	3118	850	12325	115
3/8	9.5	17.4	180	2610	720	10440	130
1/2	12.7	20.6	160	2320	640	9280	180
5/8	16	23.7	130	1885	520	7540	200
3/4	19	27.7	105	1523	420	6090	240
1	25.4	35.6	88	1276	350	5075	300
1.1/4	31.8	43.5	63	914	250	3625	420
1.1/2	38.1	50.6	50	725	200	2900	500
2	50.8	67.7	40	580	160	2320	630



-40°C / +120°C (+125°C Intermittent)
 -40°F / +232°F

NORMS : SAE J 517 100 R1 AT
 DIN EN 853 1 SN



SAE 100 R2 AT / DIN - EN 853 2 SN STEEL WIRE BRAIDED HYDRAULIC HOSE

TUBE : HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER
 REINFORCEMENT : HIGH TENSILE 2 STEEL WIRE BRAIDS
 COVER : OIL, ABRASION AND WEATHER RESISTANT WRAPPED SYNTHETIC RUBBER
 APPLICATION : FOR HIGH PRESSURE HYDRAULIC SYSTEMS IN INDUSTRY AND AGRICULTURE

ID		OD	WP		BP		BR
Inch	mm	mm	BAR	PSI	BAR	PSI	mm
3/16	4.8	13.4	415	6018	1650	23925	90
1/4	6.4	15	400	5800	1600	23200	100
5/16	8	16.6	350	5075	1400	20300	115
3/8	9.5	19	330	4785	1320	19140	130
1/2	12.7	22.2	275	3988	1100	15950	180
5/8	16	25.4	250	3625	1000	14500	205
3/4	19	29.3	215	3118	850	12325	240
1	25.4	38.1	165	2393	650	9425	300
1.1/4	31.8	48.3	125	1813	500	7250	420
1.1/2	38.1	54.6	90	1305	360	5220	500
2	50.8	67.4	80	1160	320	4640	630



-40°C / +120°C (+125°C Intermittent)
 -40°F / +232°F

NORMS : SAE J 517 100 R2 AT
 DIN EN 853 2 SN



SAE 100 R3 TEXTILE BRAIDED HYDRAULIC HOSE

TUBE : HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER
 REINFORCEMENT : 2 HIGH TENSILE SYNTHETIC TEXTILE BRAIDS
 COVER : OIL, ABRASION, OZONE AND WEATHER RESISTANT BLACK SYNTHETIC RUBBER
 APPLICATION : FOR HYDRAULIC CONTROL LINES, DISCHARGE UNDER PRESSURE OF HYDRAULIC FLUIDS, FUEL, GREASE, AIR AND WATER

ID		OD	WP		BP		BR
Inch	mm	mm	BAR	PSI	BAR	PSI	mm
3/16	4.8	12.7	103	1494	412	5974	80
1/4	6.4	14.3	86	1247	344	4988	90
5/16	8	17.5	83	1204	332	4814	100
3/8	9.5	19.1	78	1131	312	4524	100
1/2	12.7	23.8	69	1000	276	4002	125
5/8	16	27	60	870	240	3480	140
3/4	19	31.8	52	754	208	3016	150
1	25.4	38.1	39	566	156	2262	205
1.1/4	31.8	44.5	26	377	104	1508	255



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 -40°F / +232°F

NORMS : SAE J 517 100 R3

SAE 100 R 6 TEXTILE BRAIDED HYDRAULIC HOSE

TUBE : HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER
 REINFORCEMENT : 1 HIGH TENSILE SYNTHETIC TEXTILE BRAID
 COVER : OIL, ABRASION, OZONE AND WEATHER RESISTANT BLACK SYNTHETIC RUBBER
 APPLICATION : FOR HYDRAULIC CONTROL LINES, DISCHARGE UNDER PRESSURE OF HYDRAULIC FLUIDS, FUEL, GREASE, AIR AND WATER



ID		OD	WP		BP		BR
Inch	mm	mm	BAR	PSI	BAR	PSI	mm
3/16	4.8	11.1	34	493	136	1972	50
1/4	6.4	12.7	28	406	112	1624	65
5/16	8	14.3	28	406	112	1624	80
3/8	9.5	15.9	28	406	112	1624	80
1/2	12.7	19.8	28	406	112	1624	100
5/8	16	23	24	348	96	1392	125
3/4	19	26.5	21	305	83	1218	150
1	25.4	34.5	9	131	36	522	170



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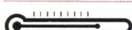
NORMS : SAE J 517 100 R6

DIN - EN 856 4 SP / R9R MULTISPIRAL HYDRAULIC HOSE

TUBE : HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER
 REINFORCEMENT : 4 HIGH TENSILE STEEL SPIRALS
 COVER : HYDRAULIC OIL, ABRASION AND WEATHER RESISTANT WRAPPED SYNTHETIC RUBBER
 APPLICATION : FOR HYDRAULIC SYSTEMS WITH HIGH PEAK PRESSURES AND ARDOUS CONDITIONS OF OPERATIONS



ID		OD	WP		BP		BR
Inch	mm	mm	BAR	PSI	BAR	PSI	mm
3/8	9.5	21.4	445	6453	1780	25810	180
1/2	12.7	24.6	415	6018	1660	24070	230
5/8	16	28.5	350	5075	1400	20300	250
3/4	19	31.5	350	5075	1400	20300	300
1	25.4	39.7	280	4060	1120	16240	340
1.1/4	31.8	50.8	210	3045	840	12180	460
1.1/2	38.1	57.2	185	2683	740	10730	560
2	50.8	69.8	175	2538	700	10150	660



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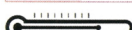
NORMS : DIN 20023 PART 1 TYPE 4 SP
 EN 856 4 SP

DIN - EN 856 4 SH MULTISPIRAL HYDRAULIC HOSE

TUBE : HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER
 REINFORCEMENT : 4 HIGH TENSILE STEEL SPIRALS
 COVER : HYDRAULIC OIL, ABRASION AND WEATHER RESISTANT WRAPPED SYNTHETIC RUBBER
 APPLICATION : FOR HYDRAULIC SYSTEMS WITH HIGH PEAK PRESSURE & ARDOUS CONDITIONS OF OPERATIONS



ID		OD	WP		BP		BR
Inch	mm	mm	BAR	PSI	BAR	PSI	mm
3/4	19	32.2	420	6090	1680	24360	280
1	25.4	38.7	380	5510	1520	22040	340
1.1/4	32	45.5	325	4713	1300	18850	460
1.1/2	38	53.5	290	4205	1160	16820	560
2	50.8	68.1	250	3625	1000	14500	700



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NORMS : DIN 20023 PART2 TYPE 4 SH
 EN 856 4 SH