
SINGLE WIRE BRAID

S311 SAE 100R1AT EN853 - 1 SN

APPLICATION Petroleum based hydraulic fluids, gasoline, water, diesel fuels and lubricating oils.
TUBE Black, oil and heat resistant synthetic rubber.
REINFORCEMENT One braid of high tensile steel wire.
COVER Black, oil, abrasion and weather resistant synthetic rubber. MSHA approved flame retardant.
TEMPERATURE (-40°C to +100°C), (-40°F to +212°F) continuous, *intermittent +125°C (+257°F)

Part No.	I.D. in	I.D. mm	O.D. in	O.D. mm	Max. W.P. psi	Min. Burst psi	Min. Bend Radius (in)	Min. Bend Radius (mm)	Weight lbs./ft.	Coupling Series
S311-04	1/4	6.4	0.52	13.2	3263	13052	4	102	0.15	K
S311-06	3/8	9.5	0.68	17.2	2610	10440	5	127	0.22	K
S311-08	1/2	12.7	0.81	20.4	2320	9280	7	178	0.28	K,J
S311-10	5/8	16	0.94	23.5	1885	7540	8	203	0.32	K,J
S311-12	3/4	19	1.09	27.5	1523	6092	9.5	241	0.44	K,J
S311-16	1	25.4	1.40	35.4	1276	5104	12	305	0.70	K,J
S311-20	1-1/4	31.8	1.70	43.5	914	3656	16.5	419	0.80	J
S311-24	1-1/2	38.1	1.97	50.0	725	2900	20	508	1.08	J
S311-32	2	50.8	2.50	63.6	580	2320	25	635	1.38	J

DOUBLE WIRE BRAID

S421 - SAE 100R2AT - EN853 - 2SN

APPLICATION Petroleum based hydraulic fluids, gasoline, water, diesel fuels and lubricating oils.
TUBE Black, oil and heat resistant synthetic rubber.
REINFORCEMENT Two braids of high tensile steel wire.
COVER Black, oil, abrasion and weather resistant synthetic rubber, MSHA approved flame retardant.
TEMPERATURE (-40°C to +100°C), (-40°F to +212°F) c ontinuous, *intermittent +125°C (+257°F)

Part No.	I.D. in	I.D. mm	O.D. in	O.D. mm	Max. W.P. psi	Min. Burst psi	Min. Bend Radius (in)	Min. Bend Radius (mm)	Weight lbs./ft.	Coupling Series
S421-04	1/4	6.4	0.59	15.0	5800	23200	4.0	102	0.24	K
S421-06	3/8	9.5	0.75	19.1	4785	19140	5.0	127	0.34	K
S421-08	1/2	12.7	0.87	22.1	3988	15952	7.0	178	0.42	K,J
S421-10	5/8	16	1.00	25.4	3625	14500	8.0	203	0.51	K,J
S421-12	3/4	19	1.15	29.2	3118	12472	9.5	241	0.65	K,J
S421-16	1	25.4	1.50	38.1	2393	9572	12.0	305	0.98	K,J
S421-20	1-1/4	31.8	1.90	48.3	1813	7252	16.5	419	1.26	J
S421-24	1-1/2	38.1	2.14	54.4	1305	5220	20.0	508	1.45	J
S421-32	2	50.8	2.65	67.3	1131	4524	25.0	635	1.99	J