

PETROFOR SD SAE 100R4

HYDRAULIC OIL SUCTION AND DELIVERY HOSE SAE 100R4



APPLICATION

Suction and delivery of hydraulic oils, lubricants and fuels with aromatic content lower than 40%

TUBE

Black, smooth **NBR** rubber compound

REINFORCEMENT

High strength synthetic plies with steel wire spirals

COVER

Black, smooth, cloth impression **NBR/PVC** rubber compound, resistant to oils, ozone and weathering

WORKING TEMPERATURE

-40°F +212°F

-40°C +100°C

SPECIFICATIONS

EN 854 / SAE 100R4

ID		OD		WEIGHT	WP		BP		BENDING RADIUS	VACUUM	COIL LENGTH
mm	inch	mm	inch	kg/m	bar	psi	bar	psi	mm	bar	m
13	1/2	23	29/32	0.44	21	315	83	1245	40	0.9	40
16	5/8	26	1 5/16	0.50	21	315	83	1245	50	0.9	40
19	3/4	29	1 9/16	0.58	21	315	83	1245	60	0.9	40/61
25	1	35	1 3/8	0.73	17	255	69	1035	75	0.9	40/61
30	1 3/16	40	1 9/16	0.86	16	240	65	975	90	0.9	40/61
32	1 1/4	42	1 21/32	0.87	14	210	55	825	100	0.9	40/61
35	1 3/8	45	1 25/32	1.01	12	180	50	750	105	0.9	40/61
38	1 1/2	48	1 57/64	1.05	10	150	41	615	115	0.9	40/61
40	1 9/16	50	1 31/32	1.08	10	150	41	615	120	0.9	40/61
42	1 21/32	52	2 15/32	1.20	10	150	30	450	126	0.9	40/61
45	1 25/32	56	2 13/64	1.35	10	150	30	450	135	0.9	40/61
51	2	62	2 7/16	1.56	10	150	30	450	200	0.9	40/61
60	2 3/8	72	2 53/64	1.90	10	150	30	450	240	0.8	40/61
63.5	2 1/2	76	3	2.15	10	150	30	450	255	0.8	40/61
70	2 3/4	82	3 15/64	2.35	10	150	30	450	280	0.8	40/61
76	3	88	3 15/32	2.72	10	150	30	450	300	0.8	40/61
80	3 5/32	94	3 45/64	2.83	10	150	30	450	320	0.8	40/61
90	3 17/32	103	4 5/8	3.40	10	150	30	450	360	0.8	40/61
102	4	115	4 17/32	3.63	10	150	30	450	400	0.7	40/61
110	4 21/64	126	4 61/64	4.77	10	150	30	450	450	0.7	40/61
127	5	143	5 5/8	6.07	10	150	30	450	635	0.7	40/61
152	6	170	6 11/16	7.70	10	150	30	450	760	0.7	40/61
203	8	225	8 25/32	12.60	10	150	30	450	1218	0.5	20/40