



## Hydraulic Hose - No Skive

# SAE 100 R1 AT

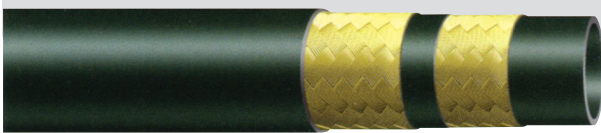
### Construction

- Tube : Oil resistant Synthetic Rubber
- Reinforcement : 1 W/B (One) braide of high tensile steel wire
- Cover : Oil, weather and abrasion resistant Synthetic Rubber

### Application and Temperature Range

- Petroleum base hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C)
- Water, Water / Glycol and Water / Oil emulsion hydraulic fluids up to +185°F (+85°C)

Size		I.D.		O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
Dash	DN	inch	mm	inch	mm	PSI	in bar	PSI	in bar	mm	inch
4	6	1/4	6.4	0.53	13.4	3,000	210	12,000	840	70	2.8
5	8	5/16	7.9	0.59	15.0	2,510	176	10,060	705	80	3.1
6	10	3/8	9.5	0.69	17.4	2,250	158	9,000	632	90	3.5
8	12	1/2	12.7	0.81	20.6	2,000	140	8,000	560	110	4.3
10	16	5/8	15.9	0.94	23.8	1,500	105	6,000	420	120	4.7
12	19	3/4	19.1	1.09	27.8	1,250	90	5,000	360	170	6.7
16	25	1	25.4	1.40	35.6	1,000	70	4,000	280	230	9.1
20	32	1 1/4	31.8	1.73	43.9	625	44	2,500	180	340	13.2
24	38	1 1/2	38.1	2.00	50.8	500	35	2,000	140	400	15.8
32	50	2	50.8	2.54	64.6	375	26	1,500	105	635	25.0



## Hydraulic Hose - No Skive

# SAE 100 R2 AT

### Construction

- Tube : Oil resistant Synthetic Rubber
- Reinforcement : 2 W/B (Two braide of high tensile steel wire)
- Cover : Oil, weather and abrasion resistant Synthetic Rubber

### Application and Temperature Range

- Petroleum base hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C)
- Water, Water / Glycol and Water / Oil emulsion hydraulic fluids up to +185°F (+85°C)

Size		I.D.		O.D.		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
Dash	DN	inch	mm	inch	mm	PSI	in bar	PSI	in bar	mm	inch
4	6	1/4	6.4	0.59	15.1	5,000	350	20,000	1,400	70	2.8
5	8	5/16	7.9	0.65	16.5	4,280	300	17,120	1,200	80	3.1
6	10	3/8	9.5	0.75	19.0	4,000	280	16,000	1,120	90	3.5
8	12	1/2	12.7	0.87	22.2	3,570	250	14,280	1,000	110	4.3
10	16	5/8	15.9	1.00	25.3	2,710	190	10,840	760	120	4.7
12	19	3/4	19.1	1.16	29.5	2,280	160	9,120	640	170	6.7
16	25	1	25.4	1.48	37.5	2,000	140	8,000	560	230	9.1
20	32	1 1/4	31.8	1.89	48.0	1,640	115	6,560	460	340	13.2
24	38	1 1/2	38.1	2.14	54.4	1,250	88	5,025	352	400	15.8
32	50	2	50.8	2.64	67.0	1,070	75	4,280	300	635	25.0