

# SAE 100R13

## Muti-Spiral Hydraulic Hose



### Application:

- High pressure hydraulic applications.
- For use with interlock fittings

### Specification:

- SAE100 R13

### Construction:

- Inner Tuber: Oil resistant synthetic rubber (SBR)
- Reinforcement: multiple high tensile steel spirals
- Outer cover: Oil & Weather resistant synthetic rubber

### Recommended Fluids:

- Hose suitable for petroleum based hydraulic oil and water-glycol based fluids, air and water

100R13AT-12 - 3/4" - 19MM - W.P. 350 BAR (C11) Ref. No.

\* smooth cover available on request

### Working Temperature

-40°C to +121°C

Part Number	Size			i.d		WD		OD		Working Pressure		Pulse Pressure		Burst Pressure		Bend Radius		Weight
	mm	inch	SAE	min	max	min	max	min	max	Mpa	psi	Mpa	psi	Mpa	psi	Inch	mm	Kg/mtr
100R13AT-12	19	3/4	-12	18.6	19.8	28.2	29.8	31.0	33.2	35	5075	70	10150	140	20300	9.45	240	2.10
100R13AT-16	25	1	-16	25.0	26.4	34.9	36.4	37.6	39.8	35	5075	70	10150	140	20300	11.81	300	2.88
100R13AT-20	31.5	1.1/4"	-20	31.4	33.0	45.6	48.0	48.3	51.3	35	5075	70	10150	140	20300	16.54	420	4.20
100R13AT-24	38	1.1/2"	-24	37.7	39.3	53.1	55.5	55.8	58.8	35	5075	70	10150	140	20300	19.69	500	5.00
100R13AT-32	51	2"	-32	50.4	52.0	66.9	69.3	69.5	72.7	35	5075	70	10150	140	20300	25.20	640	7.00