

UNICAL US15 – SAE100R15

SPIRAL WIRE HOSE

APPLICATION

Extreme high pressure and high pressure hydraulic application. Meets SAE100R15 specification.

CONSTRUCTION

- Inner Tube** : Oil resistant synthetic rubber NBR
- Outer Cover** : Oil, environment, abrasion resistant synthetic rubber
- Reinforcement** : 4 layers high tensile spiral wire for size 1 inch and below, 6 layers for size 1-1/4 inch to 2 inch
- Temperature** : -40°C to 120°C continuous service
- Standards** : Meet and exceeds SAE100R15, ISO 3862



PRODUCT CODE	INNER DIAMETER		OUTER DIAMETER	WORKING PRESSURE		MIN. BURST PRESSURE		MIN BEND RADIUS	WEIGHT
	Inch	mm	mm	PSI	Bar	PSI	Bar	mm	Kg/m
US15-6A	3/8	9.5	23.3	6090	420	24360	1680	150	0.81
US15-8A	1/2	12.7	26.8	6090	420	24360	1680	200	0.96
US15-10A	5/8	15.9	29.1	6090	420	24360	1680	230	1.21
US15-12A	3/4	19.1	36.1	6090	420	24360	1680	265	1.440
US15-16A	1	25.4	42.9	6090	420	24360	1680	330	2.040
US15-20A	1 1/4	31.8	51.5	6090	420	24360	1680	445	3.660
US15-24A	1 1/2	38.1	59.6	6090	420	24360	1680	530	4.700
US15-32A	2	50.8	71.1	6090	420	24360	1680	625	4.86

UNICAL US13 – SAE100R13

SPIRAL WIRE HOSE

APPLICATION

Extreme high pressure and high pressure hydraulic application. Meets SAE100R13 specification.

CONSTRUCTION

- Inner Tube** : Oil resistant synthetic rubber NBR
- Outer Cover** : Oil, environment, abrasion resistant synthetic rubber
- Reinforcement** : 4 layers high tensile spiral wire for size 1 inch and below, 6 layers for size 1-1/4 inch to 2 inch
- Temperature** : -40°C to 120°C continuous service
- Standards** : Meet and exceeds SAE100R13, ISO 3862



PRODUCT CODE	INNER DIAMETER		OUTER DIAMETER	WORKING PRESSURE		MIN. BURST PRESSURE		MIN BEND RADIUS	WEIGHT
	Inch	mm	mm	PSI	Bar	PSI	Bar	mm	Kg/m
US13-6A	3/8	9.5	19.8	5070	350	20280	1400	130	0.830
US13-8A	1/2	12.7	23.5	5070	350	20280	1400	190	1.140
US13-10A	5/8	15.9	26.8	5070	350	20280	1400	200	1.17
US13-12A	3/4	19.1	33.2	5070	350	20280	1400	240	1.630
US13-16A	1	25.4	39.8	5070	350	20280	1400	300	2.190
US13-20A	1 1/4	31.8	51.3	5070	350	20280	1400	420	3.600
US13-24A	1 1/2	38.1	58.8	5070	350	20280	1400	500	4.700
US13-32A	2	50.8	72.7	5070	350	20280	1400	640	6