

## UNICAL UB1 – SAE100R1

## 1-BRAIDED WIRE HOSE

## APPLICATION

High pressure hydraulic application. Meet and exceeds SAE100R1T, EN853 15N specification.

## CONSTRUCTION

- Inner Tube** : Oil resistant synthetic rubber Nitrile
- Outer Cover** : Oil, environment, abrasion resistant synthetic rubber
- Reinforcement** : 1 layer high tensile braid wire
- Temperature** : -40°C to 100°C continuous service
- Standards** : Meet and exceeds SAE100R1, EN853 15N, ISO1436



PRODUCT CODE	INNER DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		MIN. BURST PRESSURE		MIN BEND RADIUS mm	WEIGHT Kg/m
	inch	mm		PSI	Bar	PSI	Bar		
UB1-4	1/8	6.4	13.2	3260	225	13040	899	100	0.220
UB1-5	3/16	7.9	14.8	3110	214	12440	855	115	0.270
UB1-6	1/4	9.5	17.1	2610	180	10440	717	130	0.340
UB1-8	5/16	12.7	20.1	2320	160	9280	640	180	0.400
UB1-10	3/8	15.9	23.3	1880	130	7520	518	200	0.490
UB1-12	1/2	19.1	27.3	1520	105	6080	419	240	0.610
UB1-16	1	25.4	35.1	1270	88	5080	350	300	0.920
UB1-20	1 1/8	31.8	43.3	910	63	3640	251	420	1.260
UB1-24	1 1/2	38.1	49.7	720	50	2880	199	500	1.470
UB1-32	2	50.8	63.1	580	40	2320	160	630	2.075

## UNICAL UB1-HT HIGH TEMP – SAE100R1 (HI-TEMP)

## 1-BRAIDED WIRE HOSE

## APPLICATION

High temperature and high pressure hydraulic application. Meet and exceeds SAE100R1T, EN853 15N specification.

## CONSTRUCTION

- Inner Tube** : Oil resistant synthetic rubber Nitrile
- Outer Cover** : Oil, environment, abrasion resistant synthetic rubber
- Reinforcement** : 1 layer high tensile braid wire
- Temperature** : -40°C to 135°C continuous service
- Standards** : Meet and exceeds SAE100R1, EN853 15N, ISO1436



PRODUCT CODE	INNER DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		MIN. BURST PRESSURE		MIN BEND RADIUS mm	WEIGHT Kg/m
	inch	mm		PSI	Bar	PSI	Bar		
UB1-4-HT	1/8	6.4	13.2	3260	225	13040	899	100	0.240
UB1-5-HT	3/16	7.9	14.8	3110	214	12440	855	115	0.285
UB1-6-HT	1/4	9.5	17.1	2610	180	10440	717	130	0.340
UB1-8-HT	5/16	12.7	20.1	2320	160	9280	640	180	0.435
UB1-10-HT	3/8	15.9	23.3	1880	130	7520	518	200	0.510
UB1-12-HT	1/2	19.1	27.3	1520	105	6080	419	240	0.640
UB1-16-HT	1	25.4	35.1	1270	88	5080	350	300	0.980
UB1-20-HT	1 1/8	31.8	43.3	910	63	3640	251	420	1.300
UB1-24-HT	1 1/2	38.1	49.7	720	50	2880	199	500	1.540
UB1-32-HT	2	50.8	63.1	580	40	2320	160	630	2.100