



# DS13

SAE 100 R13 - EN 856 R13



## Application

Very high pressure hose for severe hydraulic pulsing applications. Suitable for passage of mineral and vegetable oils, water-based solutions, water air and inert gases.

	HOSE I.D.				HOSE O.D.		WORKING PRESSURE		BURST PRESSURE		MINIMUM BEND RADIUS		WEIGHT	
	DN	size	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	Kg/m	lbs/ft
R13-19-12	19	-12	19,0	3/4"	32,0	1.26	350	5100	1400	20400	240	9.45	1,50	1.01
R13-25-16	25	-16	25,4	1"	38,3	1.51	350	5100	1400	20400	300	11.81	2,15	1.44
R13-31-20	31	-20	31,8	1.1/4"	49,5	1.95	350	5100	1400	20400	420	16.54	3,55	2.39
R13-38-24	38	-24	38,1	1.1/2"	56,9	2.24	350	5100	1400	20400	500	19.69	4,60	3.09
R13-51-32	51	-32	50,8	2"	71,1	2.80	350	5100	1400	20400	630	24.80	6,35	4.27

Also available: **XBio**

**Construction:**

**Tube:** Black synthetic rubber resistant to oils  
**Reinforcement:** Four high tensile steel spirals up to -16, six spirals -20 and -24  
**Cover:** Black, synthetic rubber resistant to oils, abrasion and weather condition

**Temperature:**

-40°C to 121°C (125°C discontinuous)  
 -40°F to 250°F (257°F discontinuous)

**Certifications:**

DNV Type Approval  
 ABS Type Approval  
 MED

**Version available:**

MSHA COVER  
 MSHA HARC COVER  
 MSHA ENDLESS COVER  
 HARC COVER  
 ENDLESS COVER