



BACRUFLEX
Al servicio de la minería,
pesquería e industria

Catálogo de productos

**MANGUERAS
HIDRÁULICAS**

DIN EN 853 1SN / SAE 100R1AT

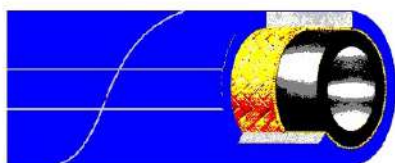
According to **ISO 1436 / DIN EN 853 type 1SN / SAE J517 type SAE 100R1 AT**

High pressure, single steel braid reinforced hydraulic hose

HIGH TEMPERATURE

+ 150°C (+ 302°F) intermittent service

+ 135°C (+ 275°F) continuous service



Inner tube: seamless oil resistant synthetic rubber resistant to high temperature

Reinforcement: 1 high tensile steel wire braid

Outer tube: black, oil, weather and abrasion resistant synthetic rubber

Safety factor: 4: 1

Application: petroleum base hydraulic fluids

Temperature range: intermittent: - 40°C (- 40°F) + 150°C (+ 302°F); continuous service: + 135°C (+ 275°F)

Max. temperature recommended for water base hydraulic fluids: **+ 120°C (+ 248°F)**

Max. temperature recommended for air: **+ 60°C (+ 140°F)**

Couplings: crimped fittings 23 serie with ferrules 20 serie. Multicrimp P23 serie

Ø nom.	dash size	Ø internal		Ø external		working pressure		min. burst pressure		min. bend radius		weight
		mm	inch	mm	inch	MPa	PSI	MPa	PSI	mm	inch	
3/16"	- 3	4,8	0.19	11,8	0.47	25.0	3625	100.0	14500	89	3.5	0,23
1/4"	- 4	6,3	0.25	13,4	0.53	22.5	3260	90.0	13040	100	3.9	0,26
5/16"	- 5	8,0	0.31	15,0	0.59	21.5	3115	85.0	12460	114	4.5	0,30
3/8"	- 6	9,5	0.38	17,4	0.69	18.0	2610	72.0	10440	127	5.0	0,36
1/2"	- 8	12,7	0.50	20,7	0.81	16.0	2320	64.0	9280	178	7.0	0,46
5/8"	- 10	16,0	0.63	23,8	0.93	13.0	1885	52.0	7540	200	7.9	0,56
3/4"	- 12	19,0	0.75	27,8	1.09	10.5	1520	42.0	6080	240	9.4	0,74
1"	- 16	25,4	1.00	35,9	1.40	8.8	1275	35.0	5100	300	11.8	1,06
1.1/4"	- 20	32,0	1.25	43,8	1.71	6.3	910	25.0	3640	419	16.5	1,36
1.1/2"	- 24	38,0	1.50	51,1	1.99	5.0	725	20.0	2900	500	19.7	1,65
2"	- 32	50,8	2.00	64,5	2.52	4.0	580	16.0	2320	630	24.8	2,05

hydraulic hose **DIN EN 853 1SN / SAE 100R1AT** has a very superior working and burst pressure compared with only **SAE 100R1AT**

COVER: U.S. MSHA APPROVED

 Calle Los Ficus Mz C Lt 1 Señor de Luren
San Juan de Miraflores (Altura km 17.5 Panamericana Sur)
 774 7943 / 950511253
 ventas@bacruxflex.com / bacruxflex-ventas@speedy.com.pe
 www.bacruxflex.com

