



BACRUFLEX
Al servicio de la minería,
pesquería e industria

Catálogo de productos

**MANGUERAS
HIDRÁULICAS**

High Pressure, single steel braid reinforced industrial hose



Inner tube: seamless air and water resistant synthetic rubber

Reinforcement: 1 high tensile steel wire braid

Outer tube: yellow, weather and abrasion resistant pin-pricked synthetic rubber

Safety factor: 4: 1

Application: very heavy works on mining, construction, steel plants, perforation and quarries

Temperature range: - 40°C (- 40°F) + 100°C (+ 212°F); Intermittent service: + 120°C (+ 248°F)
Max. temperature recommended for water base hydraulic fluids: + 70°C (+ 158°F)
Max. temperature recommended for air: + 60°C (+ 140°F)

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	kg/m
1.1/4"	- 20	32,0	1.25	41,0	1.61	4.5	650	18.0	2610	419	16.5	2,14
1.1/2"	- 24	38,0	1.50	48,0	1.89	4.5	650	18.0	2610	500	19.7	2,55
2"	- 32	50,8	2.00	62,0	2.44	4.5	650	18.0	2610	630	24.8	3,30
2.1/2"	- 40	63,5	2.50	77,5	3.05	3.0	435	12.0	1740	760	30.4	2,89
3"	- 48	76,2	3.00	89,0	3.50	2.5	365	10.0	1450	900	36.0	3,43
4"	- 64	101,6	4.00	118,0	4.65	2.0	290	8.0	1160	1100	43.3	4,90

* Tolerance on Ø external $\pm 2,0\text{mm}$ ($\pm 0,08$ inch)