



EN 855 R8 / SAE 100R8

According to **ISO 3949 / EN 855 type R8 / SAE J517 type SAE 100R8**

High pressure, double polyester braid reinforced thermoplastic hydraulic hose



- Inner tube:** seamless oil resistant thermoplastic
- Reinforcement:** 2 high tensile polyester braids
- Outer tube:** black, oil and weather resistant thermoplastic
- Safety factor:** 4: 1
- Application:** petroleum base hydraulic fluids
- Temperature range:** - 40°C (- 40°F) + 100°C (+ 212°F)
Max. temperature recommended for water base hydraulic fluids: **+ 65°C (+ 149°F)**
- Couplings:** crimped fittings 23 serie with ferrules 20 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	12,4	0.49	35.0	5075	140.0	20300	35	1.38	0,09
1/4"	- 4	6,3	0.25	16,1	0.63	35.0	5075	140.0	20300	50	1.96	0,10
5/16"	- 5	8,0	0.31	16,7	0.66	29.0	4205	116.0	16820	60	2.36	0,13
3/8"	- 6	9,5	0.38	18,5	0.73	28.0	4060	112.0	16240	80	3.15	0,18
1/2"	- 8	12,7	0.50	22,6	0.89	24.5	3553	98.0	14212	95	3.74	0,22
5/8"	- 10	16,0	0.63	25,6	1.01	19.0	2755	76.0	11020	125	4.92	0,31
3/4"	- 12	19,0	0.75	28,9	1.14	15.5	2250	62.0	9000	150	5.90	0,36
1"	- 16	25,4	1.00	36,1	1.42	14.0	2030	56.0	8120	200	7.87	0,51