

Hydraulic SAE 100 R7



MAIN APPLICATION: Medium-pressure thermoplastic hose with a perforated cover. Compatible with petroleum-water and synthetic-based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

APPLICABLE SPECS: EN 855 R7; SAE 100R7; ISO 3949

TEMPERATURE RANGE: For hydraulic fluids -40°F / +199°F -40°C / +93°C. For water based fluids and air Max +65°C (+149°F)

INNER TUBE: Hydraulic oils, air and water based fluids resistant PA

REINFORCEMENT: One high tensile polyester braid.

COVER: Oil, abrasion and weather resistant polyurethane.

Optional Features: Twin hoses- Steel reinforcement- Pin-pricked for air transfer application

I.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT	
DASH	DN	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M
-2	3	1/8"	8.1	0.24	210	3045	840	12180	20	0.06
-3	5	3/16"	10	0.39	210	3045	840	12180	26	0.08
-4	6	1/4"	12.2	0.45	210	3045	840	12180	30	0.11
-5	8	5/16"	14.2	0.55	175	2538	700	10150	40	0.14
-6	10	3/8"	16	0.59	155	2248	620	8990	70	0.17
-8	12	1/2"	19.5	0.79	140	2030	560	8120	90	0.235
-10	16	5/8"	23	0.94	105	1500	420	6000	130	0.29
-12	19	3/4"	26.4	1.1	90	1300	360	5200	150	0.35
-16	25	1"	33.5	1.34	70	1000	280	4000	180	0.51