

EUROFLOW TYPE

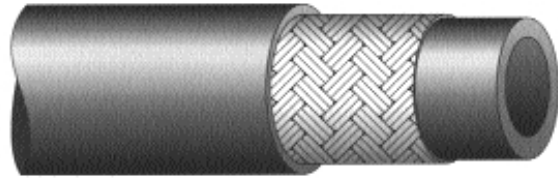
822

orange non-conductive SAE 100R7

SAE 100R7 BS4983: 1973
 DIN 24951 pt 2 ISO3945

An all-purpose medium pressure hose suitable for many hydraulic applications where electrical non-conductivity is required, also suitable for grease, fuel oils, mineral oils and phosphate esters.

For water and water-based hydraulic fluids, temperature is limited to 70 C.



Construction

Type 822 comprises of an unplasticised polyester elastomer tube reinforced with a single braid of polyester fibre, and a non pin-pricked orange polyurethane outer cover.

Specification

The hose meet Europower DMQ approval specifications when impulse tested at 125% of the stated dynamic working pressure, using approved Europower permanently swaged fittings.

The hose also meets the following international standards: SAE100R7, BS4983: 1973, DIN 24951 pt2 and ISO 3949.

Fittings

Europower X series non-skived permanently swaged fittings are fully DMQ approved.

Options

1. Type 722 is available with a perforated black cover.

Performance

- * Non-conductive (hose meets SAE 100R7 conductivity requirements, wherein maximum leakage shall not exceed 50 micro amps when subjected to 75 kilovolts per foot for 5 minutes).
- * Min/max continuous service temperature range 40 C to 100 C (water and water-based fluids limited to 70 C).
- * Low ID to OD ratios, slim and lightweight.
- * First-rate stability change in length better than - 3%.
- * Excellent flexibility and flex fatigue resistance throughout temperature range.

Applications

- * General Hydraulics
- * Mechanical Handling
- * Construction Equipment
- * Machine Tools
- * Hedge Cutters
- * Telephone & Utility Companies

HOSE TYPE	NOMINAL INSIDE DIAMETER		NOMINAL OUTSIDE DIAMETER		MINIMUM BEND RADIUS		DYNAMIC WORKING PRESSURE		MINIMUM BURST PRESSURE		WEIGHT		FERRULE PART NO
	IN	M M	IN	M M	IN	M M	PSI	BAR	PSI	BAR	LB/FT	KG/M	
822-03	3/16	4.8	0.41	10.4	1.5	38	3000	210	12000	820	0.05	0.08	X03M
822-04	1/4	6.4	0.49	12.4	2.0	51	2750	190	11000	750	0.07	0.10	X04HR1
822-05	5/16	7.9	0.56	13.8	2.2	56	2500	170	10000	690	0.08	0.12	X05HR1
822-06	3/8	9.7	0.64	16.3	2.5	64	2250	155	9000	620	0.10	0.16	X06HR1
822-08	1/2	12.7	0.78	19.9	3.2	82	2000	140	8000	550	0.14	0.22	X08M
822-10	5/8	16.1	0.89	22.7	6.0	152	1500	100	6000	410	0.16	0.25	X10M
822-12	3/4	19.4	1.03	26.1	7.0	178	1250	90	5000	340	0.20	0.30	X12M
822-16	1	25.8	1.28	32.5	8.0	203	1000	70	4000	270	0.25	0.38	X16M



Europower Hydraulics Limited, Southgate, Market Weighton, York YO43 3BG

Tel: 01430 872361 Fax: 01430 872230

BSEN ISO 9002 Approved Company

THERMOPLASTIC

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