

# EUROFLOW TYPE

# 722

## SAE 100R7

SAE 100R7 BS4983: 1973  
DIN 24951 pt 2 ISO3945

An all-purpose medium pressure hose suitable for many hydraulic and pneumatic systems. Type 722 is compatible with hydraulic oils, grease, fuel oils, mineral oils and most phosphate esters

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

This hose is also suitable for many industrial gases, e.g. Heliox (max. 25% O<sub>2</sub>), Argon, Nitrogen, Carbon Dioxide, Helium and Air. Refer to BS6596 for recommended factors of safety.

Hose type 722 has a pin-pricked cover. For non-pricked cover specify type 822.

### Construction

Type 722 comprises of an unplasticised polyester elastomer tube reinforced with a single braid of polyester fibre, and a black polyurethane outer cover.

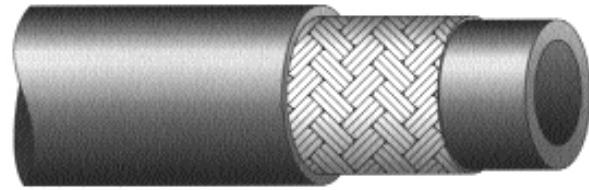
### Specification

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.

### Options

- Type 822 is available with a non-conductive, non-perforated orange cover.



### Performance

- \* 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
- \* Gas Applications
- \* Machine Tools

### Fittings

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

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	
722-03	3/16	4.8	0.41	10.4	1.5	38	3000	210	12000	820	0.05	0.08	X03M
722-04	1/4	6.4	0.49	12.4	2.0	51	2750	190	11000	750	0.07	0.10	X04HR1
722-05	5/16	7.9	0.56	13.8	2.2	56	2500	170	10000	690	0.08	0.12	X05HR1
722-06	3/8	9.7	0.64	16.3	2.5	64	2250	155	9000	620	0.10	0.16	X06HR1
722-08	1/2	12.7	0.78	19.9	3.2	82	2000	140	8000	550	0.14	0.22	X08M
722-10	5/8	16.1	0.89	22.7	6.0	152	1500	100	6000	410	0.16	0.25	X10M
722-12	3/4	19.4	1.03	26.1	7.0	178	1250	90	5000	340	0.20	0.30	X12M
722-16	1	25.8	1.28	32.5	8.0	203	1000	70	4000	270	0.25	0.38	X16M



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BSEN ISO 9000 Approved Company

THERMOPLASTIC

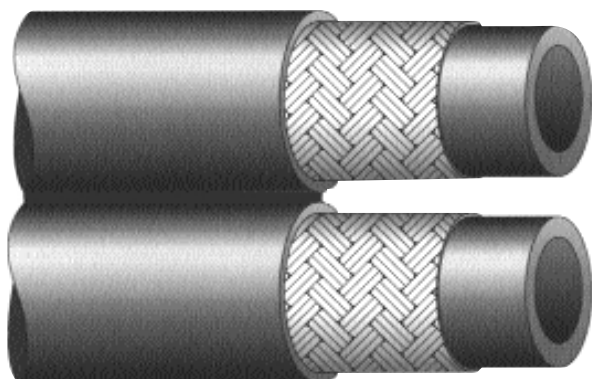
SAE 100R7



726

EUROFLOW TYPE

SAE 100R7 supertwin



SAE 100R7 BS4983: 1973

DIN 24951 pt 2 ISO3945

An all-purpose medium pressure hose suitable for many hydraulic and pneumatic systems. Type 726 is compatible with hydraulic oils, grease, fuel oils, mineral oils and most phosphate esters

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

This hose is also suitable for many industrial gases, e.g. Heliox (max. 25% O<sub>2</sub>), Argon, Nitrogen, Carbon Dioxide, Helium and Air. Refer to BS6596 for recommended factors of safety.

Hose type 726 has a pin-pricked cover.

### Construction

Type 726 consists of two unplasticised polyester elastomer tubes, each reinforced with one braid of polyester fibre. The hose is then extruded together with a black polyurethane cover to form a Siamese hose. This construction provides easier parting than a welded construction.

### 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 3945.

### Fittings

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

### Performance

- \* 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
- \* Gas Applications
- \* Machine Tools

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	
726-04	1/4	6.4	0.49	12.4	2.0	51	2750	190	11000	750	0.14	0.21	X04HR1
726-05	5/16	7.9	0.56	13.8	2.2	56	2500	170	10000	690	0.16	0.24	X05HR1
726-06	3/8	9.7	0.64	16.3	2.5	64	2250	155	9000	620	0.20	0.32	X06HR1
726-08	1/2	12.7	0.78	19.9	3.2	82	2000	140	8000	550	0.28	0.43	X08M



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