

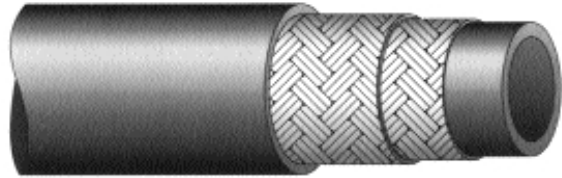
# EUROFLOW TYPE

## textile braid refrigeration hose

# 9038

SAE 100R7                      BS4983: 1973  
 DIN 24951 pt 2                ISO3945

A medium pressure hose specifically designed for refrigeration systems using R22 and R134A where very low permeability is required.



### Construction

Type 9038 comprises of a nylon tube reinforced with a double braid of polyester yarn fully bonded, with a black polyurethane outer cover, pin pricked to allow effusion of trapped gases.

### Specification

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

The hoses meet 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

- Type 9038 hose is available in welded twin construction in all sizes. Specify as 9038 followed by WT and appropriate dash number, e.g. 9038WT-06.
- Colour options are available with 500M as minimum order quantity for any special colour. Black as standard. Welded twin available as mixed colour coding.

### Performance

- \* Very low permeability to refrigeration gases. Details on request.
- \* Suitable for use with R22, R134A.
- \* Min/max continuous service temperature range -40 C to 100 C. Intermittantly up to 120 C.
- \* Low ID to OD ratios, slim and lightweight.
- \* First-rate stability change in length better than +/- 3%.

### Applications

- \* Refrigeration Systems using R22, R134A (for alternative refrigerants please contact our Customer Services Department)

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	
9038-06	3/8	9.9	0.64	16.1	4.5	112	2250	155	9000	620	0.10	0.15	X06HR1
9038-08	1/2	13.2	0.76	19.3	6.0	150	2000	140	8000	550	0.12	0.18	X08M



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BSEN ISO 9000 Approved Company

THERMOPLASTIC

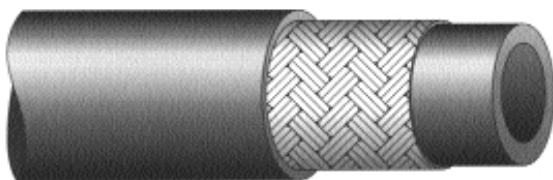
textile braid refrigeration



720

EUROFLOW TYPE

high specification 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 720 is compatible with vegetable based oils, most phosphate esters as well as hydraulic, mineral and fuel oils and greases.

For water and water-based hydraulic fluids, temperature is limited to 70 C continuous, 95 C intermittent.

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 720 has a pin-pricked cover.

### Performance

- \* Min/max continuous service temperature range -40 C to 100 C. May be used with water and water-based fluids to 70 C continuous, 95 C intermittent.
- \* Low ID to OD ratio, slim and lightweight.
- \* First-rate stability change in length better than +/- 3%.
- \* Excellent flexibility and flex fatigue resistance throughout temperature range.

### Applications

- \* Solvent Lines
- \* Refrigeration Systems
- \* Gas Lines

### Options

1. Type 820 is available with a non-conductive, non-perforated orange cover.

### Construction

Type 720 comprises of a nylon 11 tube reinforced with a single braid of polyester fibre, and a black polyurethane outer cover.

### Specification

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

### 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	
720-03	3/16	4.8	0.41	10.4	1.5	38	3000	205	12000	820	0.05	0.08	X03M
720-04	1/4	6.4	0.49	12.4	2.0	51	2750	187	11000	750	0.07	0.10	X04HR1
720-05	5/16	7.9	0.56	13.8	2.2	56	2500	170	10000	680	0.08	0.12	X05HR1
720-06	3/8	9.7	0.64	16.3	2.5	64	2250	155	9000	620	0.10	0.16	X06HR1
720-08	1/2	12.7	0.78	19.9	3.2	82	2000	137	8000	550	0.14	0.22	X08M
720-10	5/8	16.1	0.89	22.7	6.0	152	1500	100	6000	410	0.16	0.25	X10M
720-12	3/4	19.4	1.03	26.1	7.0	178	1250	90	5000	340	0.20	0.30	X12M
720-16	1	25.8	1.28	32.5	8.0	203	1000	70	4000	270	0.25	0.38	X16M



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