



EATON

Synflex 3130 SAE 100 R7 Medium Pressure Hydraulic Hose

Product Details



Applications

- Forklift Material Handling
- General Hydraulics
- High Pressure Gas Transfer
- Chemical Transfer
- Refrigeration Service
- Lubrication Systems

Temperature Range

Stays flexible in a wide range of flexing temperatures. Rated for -40°F to 212°F (-40°C to 100°C) for hydraulic fluids.

Working Pressure

Excellent mid-range operating pressures 1,000 to 3,000 psi (69 to 207 bar).

Construction

- Cover - perforated, black thermoplastic polyurethane
- Reinforcement - spiraled or braided synthetic fiber reinforcement
- Core Tube - smooth, seamless nylon-lined

Features / Benefits

- **Best Value 100R7 Hose**
This industry standard hose can be found in a wide range of applications from forklifts to hand tools.
- **Controlled Expansion**
Specifically engineered to relieve shock to hydraulic systems when suddenly loaded or off-loaded. Impulse pressures are absorbed by Synflex® 3130, extending the life of the pump and valving.
- **Lightweight, Easy Field Repair**
The lightweight yet rugged construction of the 3130 product allows for the quickest field repair in the market today. Time trials have shown that repairs can take 5 minutes or less!



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Product Specifications

# PART NUMBER	NOMINAL I.D.		MAXIMUM O.D.		MAXIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		WEIGHT	
	in	mm	in	mm	in	mm	psi	bar	psi	bar	100ft LB	100m KG
3130-02*	1/8	3.2	.335	8.5	1/2	13.0	2,500	172	10,000	689	2.6	3.5
3130-03	3/16	4.8	.427	10.8	3/4	19.0	3,000	207	12,000	827	4.5	6.8
3130-04	1/4	6.4	.510	13.0	1-1/4	32.0	3,000	207	12,000	827	6.1	8.5
3130-05	5/16	7.9	.594	15.1	1-3/4	44.0	2,500	172	10,000	689	7.5	10.3
3130-06	3/8	9.5	.669	17.0	2	51.0	2,250	155	9,000	620	8.4	14.1
3130-08	1/2	12.7	.816	20.7	3	76.0	2,000	138	8,000	552	11.4	21.0
3130-12	3/4	19.1	1.067	27.1	5	127.0	1,250	86	5,000	345	17.6	28.7
3130-16	1	25.4	1.340	34.0	8	203.0	1,000	69	4,000	276	31.1	39.3

*SAE 100R7 does not apply to 1/8" size. The nylon core tube is a single wall and not bonded to the reinforcement.

Assembly Information

HOSE DASH SIZE	FITTING SERIES	SWAGE DIE PART NO. 4540
-02	903	302
-03	903	303
-04	903	304
-05	903	305
-06	903	306
-08	903	308
-12	903	312
-16	903	316

Standard Compliance • SAE JS17, SAE J343 • ASTM 0-380, A STM D-622

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