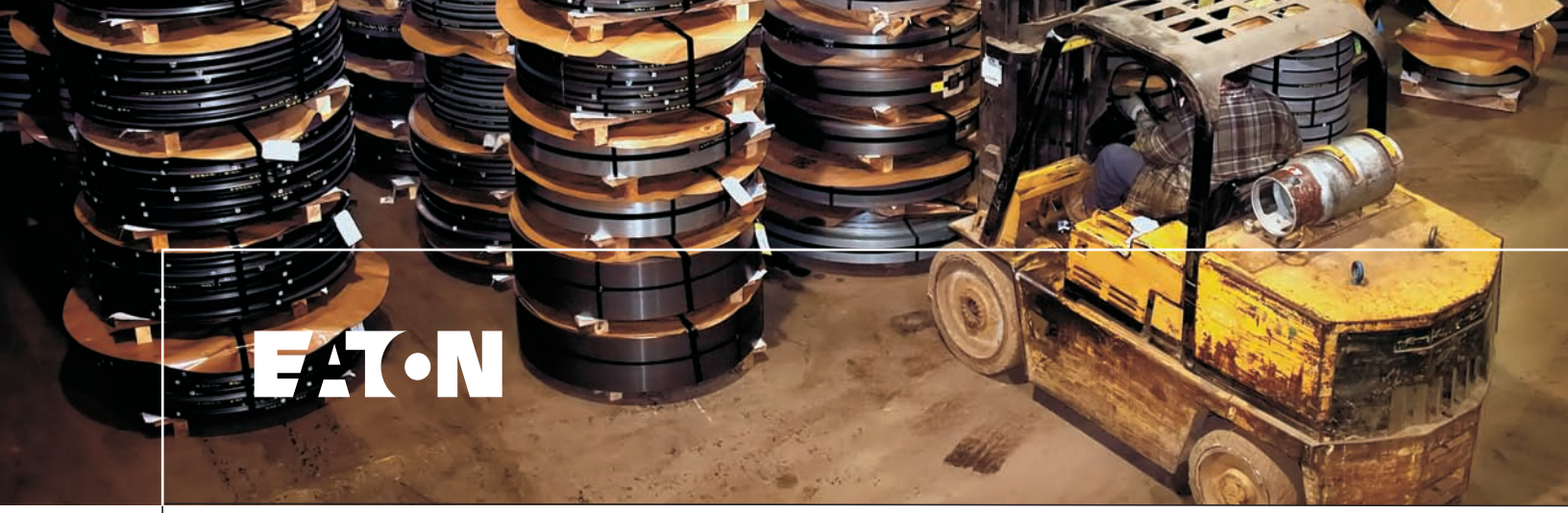


Synflex 3130
SAE 100 R7 Medium Pressure Hydraulic Hose

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

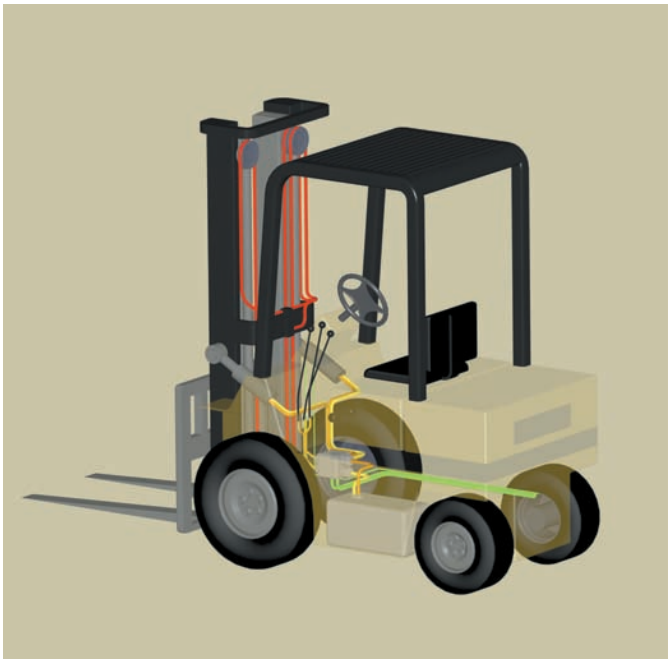
- Cover - perforated, black thermoplastic polyurethane
- Reinforcement - spiraled or braided synthetic fiber reinforcement
- Core Tube - smooth, seamless nylon-lined

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!



Synflex 3130 Medium Pressure Hydraulic Hose

Product Specifications

PART NUMBER	NOMINAL I.D.		MAXIMUM O.D.		MAXIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		WEIGHT LB	WEIGHT KG
	in	mm	in	mm	in	mm	psi	bar	psi	bar	100ft	100m
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

Eaton
Hydraulics Operations USA
115 Lena Dr.
Aurora, OH 44202
USA
Tel: 330-562-9111 / 800-837-1467
Fax: 330-274-0473

Eaton
Hydraulics Operations USA
14615 Lone Oak Road
Eden Prairie, MN 55344
USA
Tel: 952-937-9800
Fax: 952-294-7722
www.hydraulics.eaton.com

Eaton
Hydraulics Operations Europe
Route de la Longeraie 7
1110 Morges
Switzerland
Tel: +41 (0) 21 811 4600
Fax: +41 (0) 21 811 4601

Eaton
Hydraulic Operations Asia Pacific
11th Floor Hong Kong New World Tower
300 Huaihai Zhong Road
Shanghai 200021
China
Tel: 86-21-6387-9988
Fax: 86-21-6335-3912

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Printed in USA
Document No. E-HOOV-MS006-E
July 2007