

The Eaton logo is displayed in a bold, white, sans-serif font against a dark background. The letters are spaced out, with a small dot between the 'O' and 'N'.

EATON

Synflex 30CT Constant Pressure 3,000 psi Hydraulic Hose

Product Details



Applications

- Forklift
- Construction
- General Hydraulics
- Chemical and Gas Transfer
- Agricultural Equipment
- Material Handling
- Freezer Applications
- Machine Tools and Robotics
- Lubrication Equipment
- Mobile Equipment
- Portable Hydraulic Tools

Cold Temperature

Synflex® 30CT exceeds SAE 100R18 and is designed for a wider temperature range, -65°F to 200°F (-54°C to 94°C), making it a perfect fit for all your hydraulic 3,000 psi needs, including freezer applications.

Working Pressure

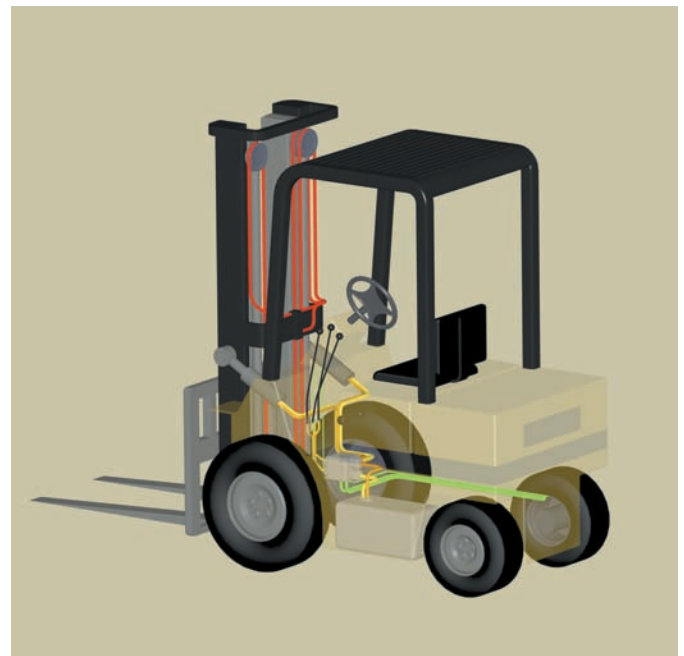
3,000 psi (207 bar). The high working pressure (SAE 100R18) and small O.D. design make this hose backward compatible with most forklift pulley applications.

Lengthens Life of Hydraulic System

Pump and cylinder life is lengthened considerably by its shock absorbing design.

Features / Benefits

- **Extremely Flexible**
The 30CT products are constructed to be more flexible, even in cold temperatures. This hose is ideal for extreme flexing and over-the-mast applications. Fiber reinforcement eliminates hose fatigue failure found in most rubber wire braided hoses.
- **Lightweight, Easy Field Repair**
The lightweight yet rugged construction of the 30CT allows for the quickest field repair in the market today. Time trials have shown that repairs can take five minutes or less!
- **Small Outside Diameter**
A smaller O.D. makes the 30CT family of products the perfect replacement and original equipment hose choice. Fits the existing pulley.



Synflex 30CT Hose Advantages



All Temperature Performance
Designed for applications ranging from -65°F to 200°F.



Flexibility
Outperforms conventional hoses with extreme flexing capabilities, even in cold temperatures.



3,000 psi
Compatible for the most demanding hydraulic requirements.

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	100m
30CT-03	3/6	4.8	.420	10.7	1	25.4	3,000	207	12,000	828	5.3	7.9
30CT-04	1/4	6.4	.478	12.1	1-1/4	31.8	3,000	207	12,000	828	6.0	8.9
30CT-05	5/16	7.9	.610	15.5	1-1/2	38.1	3,000	207	12,000	828	9.9	14.7
30CT-06	3/8	9.5	.660	16.8	2	50.8	3,000	207	12,000	828	12.2	18.2
30CT-08	1/2	12.7	.850	21.6	3-1/2	88.9	3,000	207	12,000	828	16.6	24.6
30CT-10	5/8	16.0	1.062	27.0	4	101.6	3,000	207	12,000	828	27.8	41.2

Assembly Information

HOSE DASH SIZE	FITTING SERIES	SWAGE DIE PART NO. 4540
-03	903	303
-04	903	3W4
-05	903	305
-06	903	306
-08	903	A08
-10	90N	N10

Can be assembled with either swaged or crimped couplings.

Standard Compliance • SAE 100R18 • SAE J517, SAE J343 • ASTM D-380, ASTM D-622

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