

H332 High Temperature Hose

Low-pressure High-temperature
General Purpose Hose
Innovation Sheet

H332 is the first low-pressure, high-temperature general purpose hose in the Weatherhead line. The H332 offers excellent flexibility in a quality mandrel made hose with tight tolerances for optimum fitting retention. A well engineered hose translates into longer uptime and more profitable operations.

Applications

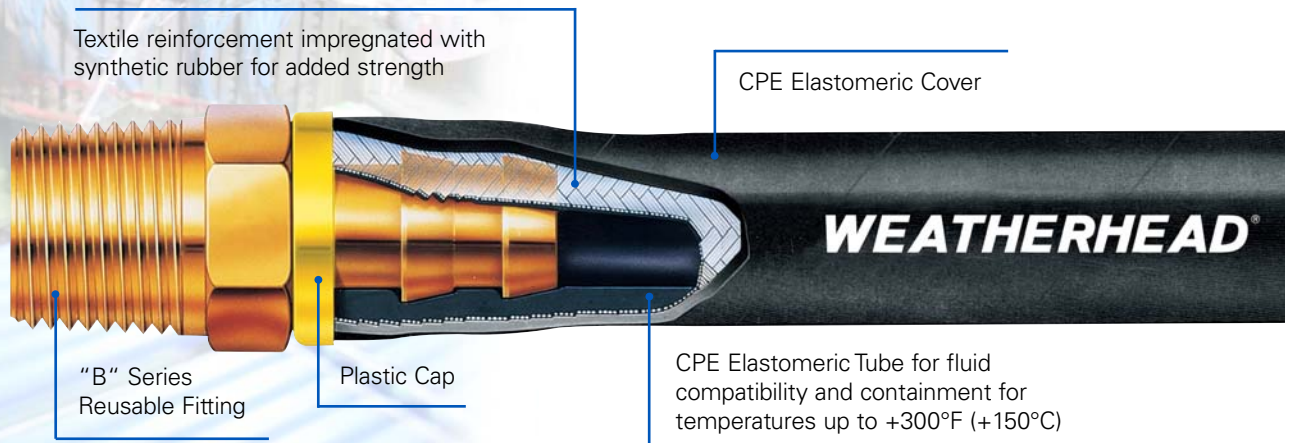
- Used in gasoline, fuel, lubricating oils, air and water
- In plant robotic manufacturing
- Air lines

Features

- Excellent flexibility
- Optimum fitting insertion force
- Full family of hose sizes
- CPE cover for difficult chemical environments
- Compatible with "100B" Series fittings

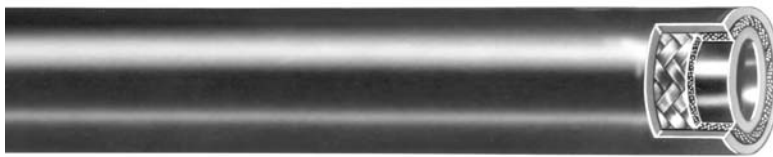
Benefits

- Excellent product for movable tools in a factory setting
- Longer life and less downtime
- CPE tube and cover handle tough oils and higher temperatures
- Superior installation ergonomics
- Leak-proof protection without crimping



H332

Textile braid
Low Pressure
General Purpose Hose



PART NUMBER	HOSE I.D.	HOSE O.D.	MAXIMUM OPERATING PRESSURE	MINIMUM BURST PRESSURE	MINIMUM BEND RADIUS	VACUUM SERVICE	WEIGHT OF HOSE
	mm [in.]	mm [in.]	bar [psi]	bar [psi]	mm [in.]	kPa [in/Hg]	Kg/m [lbs/ft]
H332-04	6,4 [.25]	12,4 [.49]	17,0 [250]	70,0 [1000]	76,2 [3.00]	94,8 [28]	0,12 [0.08]
H332-06	9,7 [.38]	16,0 [.63]	17,0 [250]	70,0 [1000]	76,2 [3.00]	94,8 [28]	0,18 [0.12]
H332-08	12,7 [.50]	19,1 [.75]	17,0 [250]	70,0 [1000]	127,0 [5.00]	94,8 [28]	0,22 [0.15]
H332-10	16,0 [.63]	23,1 [.91]	17,0 [250]	70,0 [1000]	152,4 [6.00]	60,9 [18]	0,30 [0.20]
H332-12	19,1 [.75]	26,4 [1.04]	17,0 [250]	70,0 [1000]	177,8 [7.00]	60,9 [18]	0,42 [0.28]

Construction: CPE elastomer tube, textile braid reinforcement, CPE elastomer cover.

Application: For fuel and lubricating oils, air and water. Not recommended for hydraulic impulse applications and is not approved for air brake applications.

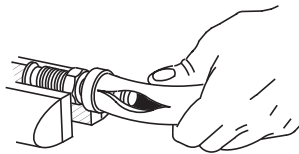
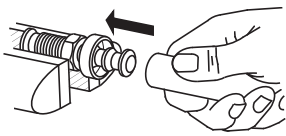
Operating Temperature Range:

-40°C to +150°C
[-40°F to +300°F]

Air not to exceed +121°C
[+250°F] and water not to exceed +82°C [+180°F].

Fitting

Hose End '100B' Series



Typical Application: Low pressure shop or service air lines. Often used for low pressure lube and oil line and in-plant robotics and machine maintenance.

Compatible Hose: H100, H101, H201

Pressure: Determined by maximum working pressure for hose size. See Ofor working pressure ratings for hose end configurations.

Material: End Fitting Material

Advantages: Easy to assemble – just push the fitting into the hose. No clamps needed! Low cost and a wide selection of configurations and sizes.

Ordering Information: Order individually by catalog number.

Assembly Instructions:

1. Lubricate insert.
2. Hold hose at angle as shown and push on and up over first barb.
3. Continue to push straight on until hose is seated under protective plastic cap. (Keep hand back from hose end area so that hose can expand.)

Disassembly Instructions:

1. Split hose as shown. Do not cut completely through hose. Sealing edge of barb could be damaged.
2. Bend hose and remove with quick pull.

Note: Refer to current price list for availability of cataloged items. Configurations and dimensions subject to change without notice.

ASSEMBLY EQUIPMENT: See W-HYOV-MC002-E for optional Assembly Tools.

Label Set: FS-500

Refer to important safety information found in W-HYOV-MC002-E.

CAUTION: Sealing integrity may be damaged by the use of clamps.

WARNING: It is important to use the correct fitting with any hose product to ensure a proper connection. Only use the fittings suggested by Eaton for this hose product. The mixing of fittings and hoses by different manufacturers can lead to an unstable connection due to the difference in manufacturing techniques and tolerances. Such connections can fail with the potential for spraying and causing personal injury or property damage.

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