



## Eaton Thermoplastic Specialty Hose Thermoplastic Specialty Moisture-Lok 3440 Series

# Overview & Features

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Moisture-lok hose is designed with a high moisture barrier core tube for keeping moisture out. It is ideal for conveying urethane foam and moisture sensitive products such as adhesives.

### Features

- Plasticizer free core tube
- UV resistant, perforated cover
- High moisture barrier core tube

# Where Used

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### Aerospace

#### Applications:

- Conveying urethane foam components and moisture sensitive chemicals.



### Data centers

#### Applications:

- Conveying urethane foam components and moisture sensitive chemicals.



### Food and beverage

#### Platforms:

- Dispensing
- In-Plant Processing

#### Applications:

- Conveying urethane foam components and moisture sensitive chemicals.



### Government

#### Applications:

- Conveying urethane foam components and moisture sensitive chemicals.



### Machine building

#### Platforms:

- CNC Machining
- Metal /Hydro Forming
- Metal Stamping and Shearing
- Plastics

#### Applications:

- Conveying urethane foam components and moisture sensitive chemicals.



### Marine

#### Applications:

- Conveying urethane foam components and moisture sensitive chemicals.



### Mining, metals and minerals

#### Platforms:

- Ball Mill
- Coal Mill
- Continuous Miner
- Conveyors
- Excavator
- Exploration Drill Rig
- Foundry Casting
- Highway Vocational Truck
- Longwall Mining System
- Mobile Crusher
- Off-Highway Dump Truck
- Reclaimer



### Mobile machinery and equipment

#### Platforms:

- 0-40 hp
- 100+ hp
- 40-100 hp
- Aerial Work Platforms (Scissor & Boom)
- All hp
- Application Equipment
- Backhoe Loader
- Balers
- Biomass Processing
- Combines
- Compactor



### Oil and gas

#### Platforms:

- 0-40 hp
- Blow-out Preventers
- BOP Control Systems
- Convenience store/ Gas station
- Downstream: Petrochemical
- Downstream: Refining (Ethanol/ Biodiesel)
- Downstream: Terminal Operations (refined gas and liquids)
- Drill Systems
- Flying Leads & Assemblies
- Hoisting Systems
- Liquefied Natural Gas/ Compressed

- Rope Shovel
- Semi-Continuous Mining System
- Shuttle Car
- Stacker
- Stationary Crusher
- Steel Mill Furnaces
- Surface Drill Rig
- Underground Drill Rig
- Wheel Loader

**Applications:**

- Conveying urethane foam components and moisture sensitive chemicals.

- Concrete Pump
- Crane
- Crawler Dozer
- Cultivation Equipment
- Defoliating Equipment
- Delimers
- Excavator
- Feller Bunchers
- Forwarders
- Irrigation
- Irrigation Systems
- Lift Trucks
- Loaders
- Mowers
- Paver
- Row Crop Planters
- Self-Propelled Forage Harvesters
- Self-Propelled Sprayers
- Self-Propelled Windrowers
- Skid Steer Loader
- Skidders
- Specialty Equipment/Debris
- Specialty Harvesting
- Stump Griners and Wood Chippers
- Telehandler
- Tractors - 2WD:
- Tractors - 4WD:
- Tree Harvesters
- Trimming Equipment
- Utility Vehicles
- Wheeled Loader
- Yarders

**Applications:**

- Conveying urethane foam components and moisture sensitive chemicals.

- Natural Gas
- Midstream: Saddle Plants
- Midstream: Terminal Operations (unrefined gas and liquids)
- Mooring Systems
- Motion Compensation
- Pedestal Cranes
- Pipeline
- Production Umbilicals
- Remote Operated Vehicles
- Seismic Vessel Systems
- Seismic Vibrator Trucks
- Subsea
- Subsea Manifold/Sled
- Subsea Separation/Pumping
- Subsea Tree
- Upstream: Offshore (fixed or floater) Equipment Handling
- Upstream: Offshore (fixed or floater) Offloading Systems
- Upstream: Onshore Drilling Operations
- Upstream: Onshore Pump Jacks

**Applications:**

- Conveying urethane foam components and moisture sensitive chemicals.



**Pharmaceuticals**

**Applications:**


- Conveying urethane foam components and moisture sensitive chemicals.



**Rail**

**Applications:**

- Conveying urethane foam components and moisture sensitive chemicals.

 **Renewables**

**Platforms:**

- Binary Cycle
- CAES
- Co-firing
- Combined Heat & Power (CHP)
- Concentrated Solar Power (CSP)
- Direct Fired
- Dry Steam
- Flash Steam
- Flow Battery
- Flywheel
- Impoundment
- NaS Battery
- Offshore
- Onshore
- Photovoltaic (PV)
- Pumped Storage
- Run Of River
- Tidal/Current
- Wave

**Applications:**

- Conveying urethane foam components and moisture sensitive chemicals.



**Residential**

**Applications:**

- Conveying urethane foam components and moisture sensitive chemicals.



**Utilities**

**Applications:**

- Conveying urethane foam components and moisture sensitive chemicals.



**Vehicles**

**Platforms:**

- Dump
- Fire and Rescue
- Heavy Duty On-Highway
- Medium Duty On-Highway
- Pick-Up and Delivery (LTL)
- Public Transportation
- Refuse Truck
- Trailers
- Transit Mixer
- Wrecker/Recovery

**Applications:**

- Conveying urethane foam components and moisture sensitive chemicals.



**Water and wastewater**

**Applications:**

- Conveying urethane foam components and moisture sensitive chemicals.

★ = Denotes point of differentiation

Value Proposition Statement		Audiences		
		OEM	Distributor	End User
	Eaton's 3440 hose is constructed with a perforated cover. The perforations allow permeated gases to escape, maintaining hose integrity in the most demanding applications. Service life is extended providing customers with lower operating costs.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Eaton utilizes a moisture barrier tube in the 3440 hose to allow conveyance of materials sensitive to moisture such as urethane foam. This barrier extends the life of the material, improving performance and keeping application costs to a minimum.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Eaton's 3440 hose is available in long lengths upon request. Longer lengths can eliminate leak points in the system and reduce scrap.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
★	Eaton performs proof and burst tests on samples from every lot of thermoplastic specialty hose produced. This provides the customers with confidence that every length of hose produced will meet the listed pressures and perform as expected.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## Tools & Collateral

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### Catalog

[Eaton Synflex Thermoplastic Hose and Fittings E-HOOV-MC001-E2](#)