

Eaton Industrial Hose H0554 - ARMORCAT™ PETROCHEMICAL



Overview & Features

Suction and discharge of acids, chemicals, solvents, and petroleum products

Features

- 500 psi operating pressure
- -40 F to 250 F (250 F intermittent)
- Cover: EPDM /Corrugated Cover
- 2 wire braid reinforcement, dual stainless steel anti-static helical wire
- Tube: UHMW-PE (FDA approved material)
- 4:1 safety factor

Where Used



Aerospace

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products



Buildings

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products



Food and beverage

Platforms:

- In-Plant Processing

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products



Government

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products



Machine building

Platforms:

- Plastics

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products



Marine

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products



Mining, metals and minerals

Platforms:

- Coal Mill

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products



Mobile machinery and equipment

Platforms:

- Application Equipment

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products



Oil and gas

Platforms:

- Downstream: Petrochemical
- Downstream: Refining (Ethanol/ Biodiesel)
- Downstream: Terminal Operations (refined gas and liquids)
- Midstream: Saddle Plants
- Midstream: Terminal Operations (unrefined gas and liquids)
- Upstream: Offshore (fixed or floater) Offloading Systems
- Upstream: Onshore Drilling Operations



Pharmaceuticals

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products



Rail

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products



Utilities

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products



Vehicles

Platforms:

- Heavy Duty On-Highway
- Medium Duty On-Highway

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products



Water and wastewater

Applications:

- Suction and transfer of acids, chemicals, solvents and petroleum products

Value Propositions

★ = Denotes point of differentiation

Value Proposition Statement		Audiences		
		OEM	Distributor	End User
	Completes breadth of portfolio to capitalize on core product market opportunities			
	Easy identification in the toughest environments provided by dual Mylar and embossed laylines , verses competitive single layline alternatives, creating ease of replenishment and traceability			
★	Utilization of wire braid reinforcement is exclusive in the chemical market to ARMORCAT hose, not duplicated. ARMORCAT hose is exclusively accessible from authorized Eaton OEM & Distributor.			
	Leverage increased service life and up-time on critical exploration job sites			
★	2 Wire braid reinforcement provides up to 2.5X greater pressure performance than standard 200 psi rated hoses, and a 66% increase over Chemcat chemical hose			

Tools & Collateral

Brochure

[Eato's CHECAT Petrochemical Hose : Publication #: E-HOCT-MS001-E](#)

Catalog

[Industrial Hose Catalog North America : E-HOOV-MC003-E2](#)

[Industrial Hose Oil and Gas Exploration Catalog: E-HOOIN-88004-E](#)