Specialty

Specialty

Fire Fighting

H5751 & H5752 Chemical Booster Page I-4

Application: Pressure booster hose on fire fighting equipment
Tube: Synthetic rubber
Reinforcement: 2-textile braid
Cover: Synthetic rubber
Temp: -40°C to +82°C, (-40°F to +180°F)
Pressure: 55 bar / 800 psi

Road Construction

H0372 BLACKCAT™ Hot Tar & Asphalt Page I-5

Application: Suction & discharge of tar and asphalt
Tube: Nitrile
Reinforcement: 2-ply fiberglass with helical wire
Cover: Neoprene
Temp: +177°C Intermittent, (+350°F) up to +400°F
Pressure: 13,8 bar / 200 psi

H0616 BLACKCAT™ Corrugated Hot Tar & Asphalt Page I-6

Application: Suction & discharge of tar and asphalt
Tube: Nitrile
Reinforcement: 2-ply fiberglass with helical wire
Cover: Corrugated neoprene
Temp: +177°C Intermittent (+350°F) up to +400°F
Pressure: 13,8 bar / 200 psi

H9603 Hot Tar Pumping Page I-7

Application: Hot tar projects
Tube: Nitrile (RMA Class A)
Reinforcement: 2-wire braid
Cover: Pin-pricked CPE
Temp: +177°C Intermittent, (+350°F)
Pressure: 17,2 bar / 250 psi

Specialized

EH066 Diesel Exhaust Fluid Dispensing Page I-8

Application: Conveying diesel exhaust fluid
Tube: Peroxide cured EPDM
Reinforcement: Fiber braid with stainless steel anti-static wire
Cover: Peroxide cured EPDM
Temp: -40°C to +125°C, (-40°F to +257°F)
Pressure: 21 bar / 300 psi

H9690 Hydrocarbon Drain Page I-9

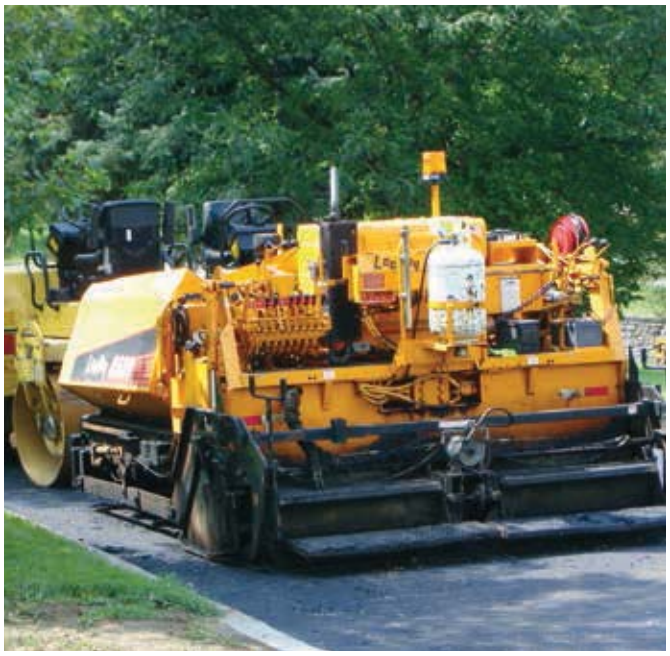
Application: Hydrocarbon drain service
Tube: Nitrile (RMA Class A)
Reinforcement: 2-wire braid
Cover: Pin-pricked chlorinated polyethylene
Temp: +177°C, (+350°F)
Pressure: 21 bar / 300 psi

H8811 Nitrogen Page I-10

Application: Transfer of nitrogen at ambient temperatures
Tube: Nitrile
Reinforcement: 4-spiral fiber
Cover: Pin-pricked neoprene
Temp: -40°C to 80°C, (-40°F to 180°F)
Pressure: 21 bar / 300 psi

Specialty

Introduction and Safety Information



Remove the Guesswork from Selecting, Buying and Using Critical Application Hose

- When you're handling easily contaminated or hazardous material, it is critical to select the proper hose. The high visibility branding and color coding of Eaton removes the guesswork for hose selection.

Environmental Resistance

- The tube and cover materials of Eaton industrial hose products are designed to assure maximum hose life at a superior value to the customer. Specialty service Eaton hoses are sophisticated transfer products for demanding jobs. Exceptional aging, weathering and heat resistant properties keep the hose flexible and easy to use.

Permanent Branding for Easy Identification

- The name of the hose and the working pressure are molded into the hose cover can't rub off. This makes hose selection on the job quicker, easier and safer.

The Eaton Reputation for Quality

- Your assurance of dependable performance.

Specialty Hose Safety Information

Important!

⚠ **WARNING:** Testing can be dangerous and should be done only by trained personnel using proper tools and procedures. Failure to follow such procedures might result in serious injury, death, or damage to property.

⚠ **WARNING:** Failure to properly follow the manufacturer's recommended procedures for the care, maintenance, and storage of a particular hose may result in its failure to perform in the manner intended and may result in serious injury, death, or damage to property.

⚠ **WARNING:** Do not use chemical hose at temperatures or pressures above those recommended by the manufacturer. All operators must be thoroughly trained in the care and use of this hose and must at all times wear protective clothing. A hose or system failure could cause the release of a poisonous, corrosive or flammable material.

⚠ **WARNING:** Consult with the Coupling Manufacturer to make sure you choose the correct coupling and proper assembly for the application. Such matching of hose and couplings, and assembling of couplings, should be performed only by trained personnel using proper tools and procedures. Failure to follow manufacturer's instructions or failure to use trained personnel may result in serious bodily injury and/or property damage.

⚠ **WARNING:** Never use a hose to transfer material it is not specifically meant to transfer. Doing so could deteriorate the hose and result in leaking, hose bursting, or end blow-offs. This could lead to serious personal injury or death. Always transfer material in a hose that is designed specifically to transfer that material. This information is listed in this catalog.

⚠ **WARNING:** Consider both working pressure and pressure surges when determining "maximum" pressure. Failure to select a hose that meets both these requirements could lead to end blow-offs, hose leakage, and hose bursting. The result could be serious injury or death. The Eaton industrial hose you choose must meet or exceed the required working pressure, and must have a safety factor to allow for surge pressure.

⚠ **WARNING:** Do not use hose at temperatures that exceed the hose temperature rating. Doing so could deteriorate the hose, leading to leaks, hose bursting, and end blow-offs. This could result in serious personal injury or death.

⚠ **WARNING:** Selection of the proper hose for the application is essential to the proper operation and safe use of the hose and related equipment. Inadequate attention to selection of hose for the application can result in serious bodily injury or property damage. In order to avoid serious bodily injury or property damage resulting from selection of the wrong hose, you should carefully review the information in this catalog.

Specialty
Fire Fighting

Refer to warnings and safety information on pages M-1 – M-15.

Use of damaged hose or improper use may result in bodily injury or property damage. Please consult Eaton catalog or Technical Support for proper application.

H5751 & H5752 Chemical Booster*

Construction:

Tube: Synthetic rubber

Reinforcement: 2 textile braid

Cover: Synthetic rubber

Operating Temperature:

-40°C to +82°C
(-40°F to +180°F)

Application:

- For pressure booster hose on fire fighting equipment

Markets:

- Fire fighting

Type of Couplings:

- Spanner hole type
- Barway

Contact coupling manufacturer for attachment procedure and other coupling recommendations

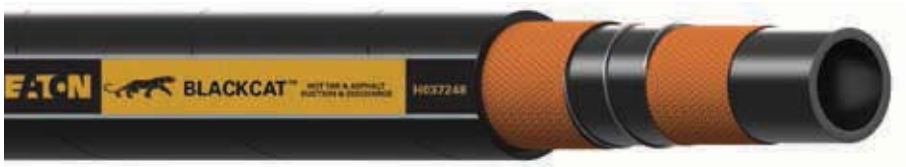
#													
Part No.	Hose I.D.			Hose O.D.		Max Oper Pressure		Burst Pressure		Weight		Length	
H5751*	**DN**	**mm**	**in**	**mm**	**in**	**bar**	**psi**	**bar**	**psi**	**kg/m**	**lbs/ft**	**mtr**	**ft**
H5751-50	19	19,0	0.75	31,8	1.25	55,0	800	165	2400	0,83	0.56	15,2	50
H5751-100	19	19,0	0.75	31,8	1.25	55,0	800	165	2400	0,83	0.56	30,5	100
H5751-150	19	19,0	0.75	31,8	1.25	55,0	800	165	2400	0,83	0.56	45,7	150
H5751-200	19	19,0	0.75	31,8	1.25	55,0	800	165	2400	0,83	0.56	60,1	200
H5752*													
H5752-50	25	25,4	1.00	40,5	1.59	55,0	800	165	2400	1,20	0.81	15,2	50
H5752-100	25	25,4	1.00	40,5	1.59	55,0	800	165	2400	1,20	0.81	30,5	100
H5752-150	25	25,4	1.00	40,5	1.59	55,0	800	165	2400	1,20	0.81	45,7	150
H5752-200	25	25,4	1.00	40,5	1.59	55,0	800	165	2400	1,20	0.81	61,0	200

*** Product is not stocked and only available as an MTO item.**

Refer to warnings and safety information on pages M-1 – M-15.

Use of damaged hose or improper use may result in bodily injury or property damage. Please consult Eaton catalog or Technical Support for proper application.

H0372 BLACKCAT™ Hot Tar & Asphalt



Construction:

Tube: Nitrile

Reinforcement: 2-ply fiberglass with helical wire

Cover: Neoprene

Operating Temperature:

+177°C Intermittent (+350°F)

Handle intermittent temperature of hot tar and asphalt up to +400°F

Application:

- For suction & discharge of tar and asphalt

Markets:

- Road construction
- Roof construction

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

# Part No.	Hose I.D.			Hose O.D.		Max Oper Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
H037232-100**	51	50,8	2.00	74,6	2.94	13,8	200	55,0	800	177,8	7.00	94,8	28	3,48	2.34	30,5	100
H037240-100	60	63,5	2.50	87,3	3.44	13,8	200	55,0	800	254,0	10.00	94,8	28	4,24	2.85	30,5	100
H037248-100**	80	76,2	3.00	97,6	3.84	13,8	200	55,0	800	254,0	10.00	94,8	28	4,95	3.33	30,5	100
H037264-100	102	101,6	4.00	126,2	4.97	13,8	200	55,0	800	304,8	12.00	94,8	28	6,74	4.53	30,5	100

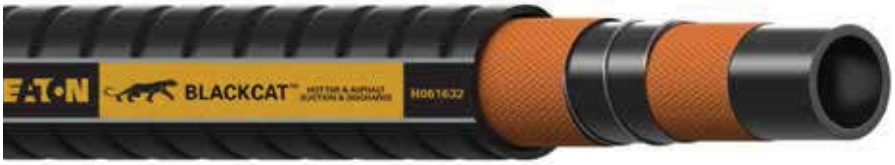
Product available in 50 ft. lengths. ** Product available in 150 ft. lengths.

Specialty
Road Construction

Refer to warnings and safety information on pages M-1 – M-15.

Use of damaged hose or improper use may result in bodily injury or property damage. Please consult Eaton catalog or Technical Support for proper application.

H0616 BLACKCAT™ Corrugated Hot Tar & Asphalt



Construction:

Tube: Nitrile

Reinforcement: 2-ply fiberglass with helical wire

Cover: Corrugated neoprene

Operating Temperature:

+177°C Intermittent (+350°F)

Handle intermittent temperature of hot tar and asphalt up to +400°F

Application:

- For suction & discharge of tar and asphalt

Markets:

- Road construction
- Roof construction

Type of Couplings:

- Cam and groove
- Combination nipple

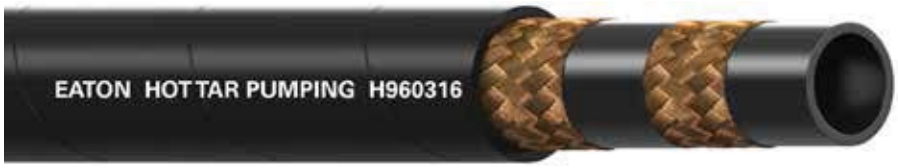
Contact coupling manufacturer for attachment procedure and other coupling recommendations

Part No.	Hose I.D.			Hose O.D.		Max Oper Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
H061632	51	50,8	2.00	76,2	3.00	13,8	200	55	800	127,0	5.00	94,8	28	3,48	2.34	15,2	50
H061632-100	51	50,8	2.00	76,2	3.00	13,8	200	55	800	127,0	5.00	94,8	28	3,48	2.34	30,5	100

Refer to warnings and safety information on pages M-1 – M-15.

Use of damaged hose or improper use may result in bodily injury or property damage. Please consult Eaton catalog or Technical Support for proper application.

H9603 Hot Tar Pumping



Construction:

Tube: Nitrile (RMA Class A)

Reinforcement: 2-wire braid

Cover: Pin-pricked CPE

Operating Temperature:

+177°C Intermittent (+350°F)

Application:

- For hot tar projects

Markets:

- Road construction
- Roof construction

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

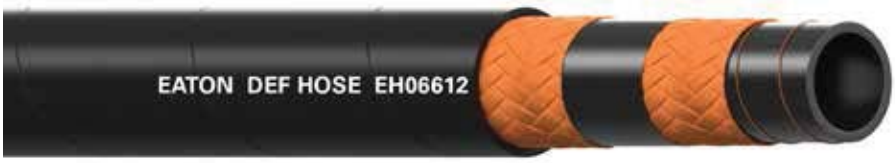
# Part No.	Hose I.D.			Hose O.D.		Max Oper Pressure		Burst Pressure		Minimum Bend Radius		Weight		Length	
	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	mtr	ft
H960316-50	25	25,4	1.00	39,7	1.56	17,2	250	172	2500	304,8	12.00	1,34	.90	15,2	50
H960316-100	25	25,4	1.00	39,7	1.56	17,2	250	172	2500	304,8	12.00	1,34	.90	30,5	100
H960316-150	25	25,4	1.00	39,7	1.56	17,2	250	172	2500	304,8	12.00	1,34	.90	45,7	150

Specialty
Specialized

Refer to warnings and safety information on pages M-1 – M-15.

Use of damaged hose or improper use may result in bodily injury or property damage. Please consult Eaton catalog or Technical Support for proper application.

EH066 Diesel Exhaust Fluid Dispensing



Construction:

Tube: Peroxide cured EPDM

Reinforcement: Fiber braid with stainless steel anti-static wire

Cover: Peroxide cured EPDM

Operating Temperature:

-40°C to +125°C
(-40°F to +257°F)

Application:

- For conveying diesel exhaust fluid

Markets:

- Tank truck

Type of Couplings:

Contact coupling manufacturer for attachment procedure and other coupling recommendations

# Part No.	Hose I.D.			Hose O.D.		Max Oper Pressure		Burst Pressure		Minimum Bend Radius		Weight		Length	
	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	mtr	ft
EH06608	12	12,7	0.50	21,6	0.85	21	300	83	1200	101	3,98	0,26	0.18	15,2	50
EH06612	19	19,0	0.75	29,0	1.14	21	300	83	1200	152	5,98	0,42	0.29	15,2	50

Refer to warnings and safety information on pages M-1 – M-15.

Use of damaged hose or improper use may result in bodily injury or property damage. Please consult Eaton catalog or Technical Support for proper application.

H9690 Hydrocarbon Drain

Construction:

Tube: Nitrile (RMA Class A)

Reinforcement: 2-wire braid

Cover: Pin-pricked chlorinated polyethylene

Operating Temperature:

+177°C
(+350°F)

Application:

- For hydrocarbon drain service

Markets:

- Petroleum
- Refineries

Type of Couplings:

- Boss Male
- Ground joint female
- Eaton EJ series

Contact coupling manufacturer for attachment procedure and other coupling recommendations

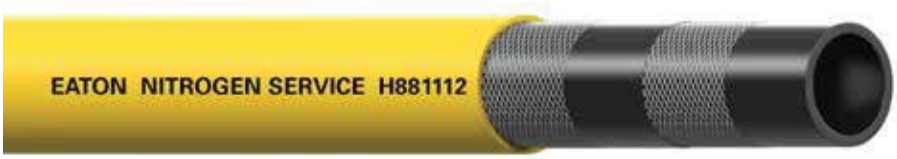
Part No.	Hose I.D.			Hose O.D.		Max Oper Pressure		Burst Pressure		Weight		Length	
	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
H969012	19	19,0	0.75	34,1	1.34	21,0	300	207	3000	0,89	0.60	15,2	50

Specialty
Specialized

Refer to warnings and safety information on pages M-1 – M-15.

Use of damaged hose or improper use may result in bodily injury or property damage. Please consult Eaton catalog or Technical Support for proper application.

H8811 Nitrogen



Construction:

Tube: Nitrile

Reinforcement: 4-spiral fiber

Cover: Pin-pricked neoprene

Operating Temperature:

-40°C to 82°C
(-40°F to 180°F)

Application:

- For transfer of nitrogen at ambient temperatures

Markets:

- Refineries
- Petroleum industry

Type of Couplings:

- "U" series
- Barbed inserts
- Boss male
- Ground joint female

Contact coupling manufacturer for attachment procedure and other coupling recommendations

#		Hose I.D.		Hose O.D.		Max Oper Pressure		Burst Pressure		Weight		Length	
Part No.	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
H881112YW-250	19	19,0	0.75	30,2	1.19	21,0	300	83,0	1200	0,57	0.38	76,2	250