

Chemical

Suction & Discharge

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Chemical

Suction & Discharge

H0060 ARMORCAT™ Corrugated Petrochemical

Application: Transfer of acids, chemicals, solvents, and petroleum products; Loading and unloading, pumping, suction, or gravity flow discharge
Tube: UHMW-PE FDA-approved material **Reinforcement:** 2-wire braid, dual stainless steel static wire **Cover:** Corrugated EPDM
Temp: -40°C to +121°C, (-40°F to +250°F) *Intermittent
Pressure: 35 bar / 500 psi

H0554 ARMORCAT™ Petrochemical

Application: Transfer of acids, chemicals, solvents, and petroleum products; Loading and unloading, pumping, suction, or gravity flow discharge
Tube: UHMW-PE FDA-approved material **Reinforcement:** 2-wire braid, dual stainless steel static wire, and helical wire **Cover:** EPDM
Temp: -40°C to +121°C, (-40°F to +250°F) *Intermittent
Pressure: 35 bar / 500 psi

H0599 CHEMCAT™ Corrugated Petrochemical

Application: Transfer of acids, chemicals, solvents, and petroleum products; Loading and unloading, pumping, suction, or gravity flow discharge
Tube: UHMW-PE FDA-approved material **Reinforcement:** 2-ply fiber with dual helical wire **Cover:** Corrugated EPDM
Temp: -40°C to +121°C, (-40°F to +250°F) *Intermittent
Pressure: 12,1-20,7 bar / 175-300 psi

H0523 CHEMCAT™ Petrochemical

Application: Transfer of acids, chemicals, solvents, and petroleum products, and food transfer
Tube: UHMW-PE FDA-approved material **Reinforcement:** 2-ply fiber and dual helical wires **Cover:** EPDM
Temp: -40°C to +121°C, (-40°F to +250°F) *Intermittent
Pressure: 12,1-20,7 bar / 175-300 psi

EHC006 Heavy Duty UHMW-PE S & D

Application: Suction and discharge of chemicals and solvents
Tube: UHMW-PE **Reinforcement:** High-tensile synthetic textile, steel helical wire and dual anti-static copper wires **Cover:** EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 16 bar / 230 psi

EHC019 Hard Wall Heavy Duty UHMW-PE S & D

Application: Suction and discharge of corrosive chemicals and solvents
Tube: UHMW-PE **Reinforcement:** High-tensile synthetic textile, dual steel helical wire and anti-static copper wire **Cover:** EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 17,2 bar / 250 psi

EHC005 Corrugated UHMW-PE S & D

Application: Transfer of acids, chemicals, solvents and petroleum products
Tube: UHMW-PE FDA-approved material **Reinforcement:** High-tensile synthetic textile, steel helical wire and anti-static copper wire
Cover: Corrugated EPDM
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 10,5 bar / 150 psi

EHC004 UHMW-PE S & D

Application: Suction and discharge of chemicals, and solvents
Tube: UHMW-PE FDA-approved material **Reinforcement:** High-tensile synthetic textile, steel helical wire and anti-static copper wire
Cover: EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 10,5 bar / 150 psi

H0661 COUGAR™ Corrugated

Application: In-plant transfer of chemicals, alcohols, acids and petroleum
Tube: CPE **Reinforcement:** 2-ply fiber with helical wire **Cover:** EPDM
Temp: -43°C to +135°C, (-45°F to +275°F)
Pressure: 12,1 bar / 175 psi

H8359 PANTHER™ Chemical

Application: Transfer of acids, chemicals, solvents and petroleum products
Tube: XLPE **Reinforcement:** 2-ply fiber with helical wire **Cover:** EPDM
Temp: -43°C to +66°C, (-45°F to +150°F)
Pressure: 12,1-17,2 bar / 175-250 psi

EHC003 Heavy Duty Chemical S & D

Application: Suction and discharge of chemicals and solvents
Tube: PE blend **Reinforcement:** High-tensile synthetic textile, dual steel helical wire and dual anti-static copper wires **Cover:** EPDM
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 16 bar / 230 psi

H0615 Corrugated Green CROSS-LINKED™

Application: Transfer of acids, chemicals, solvents, and petroleum products; loading and unloading, pumping, suction, or gravity flow discharge
Tube: XLPE **Reinforcement:** 2-ply fiber with helical wire
Cover: Corrugated EPDM
Temp: -43°C to +66°C, (-45°F to +150°F)
Pressure: 12,1-17,2 bar / 175-250 psi

H0378 Green CROSS-LINKED™

Application: Transfer of acids, chemicals, solvents, and petroleum products; Loading and unloading, pumping, suction, or gravity flow discharge
Tube: XLPE **Reinforcement:** 2-ply fiber, with helical wire **Cover:** EPDM
Temp: -43°C to +66°C, (-45°F to +150°F)
Pressure: 12,1-17,2 bar / 175-250 psi

EHC002 Flat Corrugated Chemical S & D

Application: Transfer of acids, chemicals, solvents and petroleum products
Tube: PE blend **Reinforcement:** High-tensile synthetic textile, dual steel helical wire and anti-static copper wire **Cover:** Flat corrugated EPDM
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 10,5 bar / 150 psi

EHC001 Chemical S & D

Application: Transfer of acids, chemicals, solvents and petroleum products
Tube: PE blend **Reinforcement:** High-tensile synthetic textile, dual steel helical wire and anti-static copper wire **Cover:** EPDM
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 10,5 bar / 150 psi

EHC018 Hard Wall Heavy Duty Chemical S & D

Application: Suction and discharge of corrosive chemicals and solvents
Tube: PE blend **Reinforcement:** High-tensile synthetic textile, dual steel helical wire and anti-static copper wire **Cover:** EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 10,5 bar / 150 psi

EHC011 Heavy Duty EPDM S & D

Application: Suction and discharge of chemicals, and solvents
Tube: EPDM rubber
Reinforcement: High-tensile synthetic textile, dual steel helical wires and anti-static copper wire **Cover:** EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 16 bar / 230 psi

H0345 TIGER™ Chemical S & D

Application: Transfer of acids, chemicals, solvents, and petroleum products; loading and unloading, pumping, suction, or gravity flow discharge
Tube: EPDM **Reinforcement:** 2-ply fiber with helical wire **Cover:** EPDM
Temp: -43°C to +82°C, (-45°F to +180°F)
Pressure: 10,5 bar / 150 psi

EHC009 Corrugated EPDM S & D

Application: Suction and discharge of chemicals, and solvents
Tube: EPDM rubber
Reinforcement: High-tensile synthetic textile, steel helical wire and anti-static copper wire **Cover:** Corrugated EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 10,5 bar / 150 psi

EHC008 EPDM S & D

Application: Suction and discharge of chemicals, and solvents
Tube: EPDM rubber **Reinforcement:** High-tensile synthetic textile, steel helical wire and anti-static copper wire **Cover:** EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 10,5 bar / 150 psi

EHC013 CSM S & D

Application: Suction and discharge of chemicals, and solvents
Tube: CSM rubber **Reinforcement:** High-tensile synthetic textile, steel helical wire and anti-static copper wire **Cover:** NBR blend
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 10,5 bar / 150 psi

Discharge**EHC017 Heavy Duty UHMW-PE Discharge**

Application: Discharge of chemicals, and solvents
Tube: UHMW-PE **Reinforcement:** High-tensile synthetic textile, and anti-static copper wire **Cover:** EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 16 bar / 230 psi

EHC016 UHMW-PE Discharge

Application: Discharge of chemicals, and solvents
Tube: UHMW-PE **Reinforcement:** High-tensile synthetic textile and anti-static copper wire **Cover:** EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 10,5 bar / 150 psi

EHC015 Heavy Duty Chemical Discharge

Application: Discharge of chemicals, and solvents
Tube: PE blend **Reinforcement:** High-tensile synthetic textile, and anti-static copper wire **Cover:** EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 16 bar / 230 psi

EHC014 Chemical Discharge

Application: Discharge of chemicals, and solvents
Tube: PE blend **Reinforcement:** High-tensile synthetic textile, and anti-static copper wire **Cover:** EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 10,5 bar / 150 psi

H9699 ALLEYCAT™ Hot Liquid

Application: For implant transfer of cleaning solutions
Tube: EPDM **Reinforcement:** 2-wire braid with anti-static wire
Cover: EPDM
Temp: -40°C to +149°C, (-40°F to +300°F)
Pressure: 41 bar / 600 psi

EHC010 Heavy Duty EPDM Discharge

Application: Discharge of chemicals, and solvents
Tube: EPDM **Reinforcement:** High-tensile synthetic textile, dual anti-static copper wire **Cover:** EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 16 bar / 230 psi

H0346 LEOPARD™ Chemical Discharge

Application: Transfer of acids, chemicals, solvents, and petroleum products; loading and unloading, pumping, suction, or gravity flow discharge
Tube: EPDM **Reinforcement:** 2-ply fiber **Cover:** EPDM
Temp: -43°C to +82°C, (-45°F to +180°F)
Pressure: 7,0-10,5 bar / 100-150 psi

EHC007 EPDM Discharge

Application: Discharge of chemicals, and solvents
Tube: EPDM rubber **Reinforcement:** High-tensile synthetic textile and anti-static copper wire **Cover:** EPDM rubber
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 10,5 bar / 150 psi

EHC012 CSM Discharge

Application: Discharge of chemicals, and solvents
Tube: CSM rubber **Reinforcement:** High-tensile synthetic textile, and anti-static copper wire **Cover:** NBR blend
Temp: -40°C to +80°C, (-40°F to +176°F)
Pressure: 10,5 bar / 150 psi

Specialty**EHT453, EHT454, EHT455 Agricultural Spray**

Application: Spraying pesticides and fertilizers
Tube: PVC **Reinforcement:** High-tensile synthetic textile **Cover:** PVC
Temp: -10°C to +60°C, (+14°F to +140°F)
Pressure: 50-100 bar / 725-1450 psi

EHT451 & EHT452 Agricultural Spray

Application: Spraying pesticides and fertilizers
Tube: PVC **Reinforcement:** High-tensile synthetic textile **Cover:** PVC
Temp: -10°C to +60°C, (+14°F to +140°F)
Pressure: 20-40 bar / 290-580 psi

H1941 & H1942 NYALL™

Application: Spray pesticides, fertilizers and paint
Tube: Nylon **Reinforcement:** 1- or 2-Fiber braid
Cover: Neoprene or Vinyl Nitrile
Temp: -34°C to +71°C, (+30°F to +160°F)
Pressure: 35-52 bar / 500-750 psi

H1561 CHEMFORCE™

Application: Spray pesticides, fertilizers and paint
Tube: PVC/Polyurethane blend **Reinforcement:** 4-spiral fiber **Cover:** PVC
Temp: -9°C to +71°C, (+15°F to +160°F)
Pressure: 41 bar / 600 psi

Chemical

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 removes the guess work 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.

Variety and Selection

- Eaton offers a variety of choices to meet all of your chemical needs. Whether you need a color coded system, flexibility, or wide chemical tolerances, Eaton can meet your needs.

Chemical Hose Safety Information

Important!

⚠ WARNING: A failure of chemical hose in service can result in serious injury, death, or damage to property.

All chemical hose manufacturers recommend specific hose constructions to handle various chemicals.

IF AFTER CAREFUL REVIEW OF THE CHEMICAL RESISTANCE CHART FOUND IN THIS CATALOG, YOU HAVE ANY QUESTIONS ABOUT PROPER SELECTION OF THE HOSE, DO NOT USE OR RECOMMEND THE HOSE WITHOUT FIRST CONSULTING EATON FOR TECHNICAL ASSISTANCE. IF YOU DO NOT HAVE A MOST RECENT COPY, CONTACT CUSTOMER SUPPORT AT 1-888-258-0222. FOR GLOBAL SUPPORT, CONTACT YOUR LOCAL EATON REPRESENTATIVE.

The chemical resistance chart lists the more commonly used materials, chemicals, solvents, oils, etc. The recommendations are based on room temperature and pressure conditions normally recommended for the particular type of hose being used. Where conditions beyond this can be met readily, they have been so indicated; where conditions are not normal and cannot be readily met, Eaton should always be consulted. The chart does not imply conformance to the Food & Drug Administration requirements or Federal or State Laws when handling food products. The list of chemicals is offered as a guide to the chemical resistance properties of the tube material of the hoses shown. It should be used as a guide only, as the degree of resistance of any elastomer with a particular fluid depends upon such variables

as temperature, concentration, pressure conditions, velocity of flow, duration of exposure, aeration, stability of the fluid, etc. Therefore, when in doubt, it is advisable not to use the hose and you should contact your Eaton representative for assistance. 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: If cover blisters exist, be careful not to pop them. If the hose was damaged in such a way that material was allowed to leak between the cover and inner tube, the blisters may contain this material. If the material is hazardous and splatters when the blisters are popped, it could cause serious physical injury.

⚠ 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: 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.

Chemical

Introduction and Safety Information

Chemical Service Hose Maintenance, Testing and Inspection

Foreword

The object of the following procedures is to detect any weakness in a hose assembly before the weakness causes failure of a hose in service. While these testing and inspection procedures may be applied to any hose, the periodic testing and inspection procedures outlined herein are mandatory for all hoses.

Rules for proper selection, handling, use and storage of hose are to be carefully followed. It is imperative that hose, while in storage or in service, not be subjected to any form of abuse such as kinking, exposure to an environment involving extremes of temperature, corrosive or oxidizing fumes or liquids, oils and solvents, ozone, etc. The procedures outlined in the ARPM Hose Handbook, Chapter IX, Care, Maintenance and Storage of Hose should be followed carefully.

Scope

This procedure is intended as a guide for the inspection, maintenance, and testing of chemical hose. It covers hose containing carcass reinforcements of woven fiber fabric; fiber cords; fiber or wire braids; flat, oval or round wire helix; spiral wire or cable; or any combinations of these reinforcements. Chemical hose is available with various types of ends or, where specified, suitable metal fittings.

Handling

Crushing or kinking of the hose can cause severe damage to the reinforcement. Care should be exercised to prevent mishandling.

Do not drag the hose or lift large bore hose from the middle of its length with the ends hanging down. Limit the curvature of the hose to the bend radius recommended by the manufacturer and avoid sharp bends at the end fittings and at manifold connections.

Operation

Important: Personnel involved in an operation using chemical hose must use safety precautions such as wearing eye or face protection, rubber gloves, boots, and other types of protective clothing.

Pressures and temperatures are to be monitored to see that the hose is not exposed to conditions above specified limits. Exceeding specified limits could injure the hose and result in damage to property and serious bodily harm.

Never allow chemicals to drip on the exterior of a hose or allow hose to lay in a pool of chemicals since the hose cover may not have the chemical resistance of the tube. Should a corrosive material come in contact with the reinforcing material, early failure could result.

If kinking or crushing occurs, examine the hose carefully, and, if the outside diameter is reduced 5% to 20%, the hose must be immediately subjected to the Hydrostatic Pressure Test and Examination. If the reduction in diameter is more than 20%, retire the hose from service.

Care must be taken when different chemicals are conveyed in the same hose; the chemicals may react and shorten the service life of the hose. When it is impractical to disconnect the hose line after use, drain any remaining chemical from the hose.

Storage

Before placing chemical hose in storage, the hose must be completely drained and any potentially explosive vapors or corrosive residues flushed out.

⚠ WARNING: EXTREME CARE MUST BE TAKEN WHEN FLUSHING OUT A CHEMICAL HOSE WITH WATER; SOME CHEMICALS, SUCH AS CONCENTRATED ACIDS, MAY REACT WITH WATER AND CAUSE SPATTERING WHICH COULD RESULT IN SERIOUS INJURY TO EYES OR OTHER AREAS OF THE BODY.

When flushing a hose, disposal of the effluent must be made in such a manner that environmental problems are not created.

Chemical hose should be stored so that air can circulate through it. This procedure helps extend the life of the hose. Hose should be stored in a cool, dark, dry place at a temperature less than 100°F (38°C).

Frequency of Inspection and Pressure Testing When chemical hose is used in bulk transfer service, it shall be visually inspected daily and hydrostatically tested every 90 days. The details of the examination and testing are listed in this catalog. An inspection card and recording system should be adopted for chemical hose used in dock applications.

⚠ 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: Kinks can cause hose to burst, leading to bodily harm.

This information taken from the ARPM, Hose Technical Information Sub Committee, IP-11-7 Chemical Hose, Copyright 1979, Revised 1987. (202) 682-1338

Chemical

Suction & Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

H0060

ARMORCAT™ Corrugated Petrochemical



Construction:

Tube: UHMW-PE
FDA-approved material

Reinforcement: 2-wire
braid, dual stainless steel
anti-static wire

Cover: Corrugated EPDM

Operating Temperature:

-40°C to +121°C
(-40°F to +250°F)

WARNING: Intermittent

Application:

- For transfer of acids, chemicals, solvents, and petroleum products
- Loading and unloading, pumping, suction, or gravity flow discharge









Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

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Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
H006032-		100	51	50,8	2.00	65,9	2.59	35	500	138	2000	254,0	10.00	94,8	28	2,31	1.55		100
H006032-		150	51	50,8	2.00	65,9	2.59	35	500	138	2000	254,0	10.00	94,8	28	2,31	1.55		150

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

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.

H0554

ARMORCAT™ Petrochemical

**Construction:**

Tube: UHMW-PE
FDA-approved material

Reinforcement: 2-wire braid, dual stainless steel anti-static wire, 3.00" and 4.00" helical wire

Cover: EPDM

Operating Temperature:

-40°C to +121°C
(-40°F to +250°F)
WARNING: Intermittent

Application:

- For transfer of acids, chemicals, solvents, and petroleum products
- Loading and unloading, pumping, suction, or gravity flow discharge

Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT


Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#	Part No.		Hose I.D.			Hose O.D.		Max Operating 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
		mtr																	
	H055416	50	25	25,4	1.00	38,7	1.52	35	500	138	2000	152,4	6.00	94,8	28	0,82	0.55		50
	H055416-	150	25	25,4	1.00	38,7	1.52	35	500	138	2000	152,4	6.00	94,8	28	0,82	0.55		150
	H055424-	150	38	38,1	1.50	50,0	1.97	35	500	138	2000	203,2	8.00	94,8	28	1,44	0.97		150
	H055432	50	51	50,8	2.00	65,9	2.59	35	500	138	2000	254,0	10.00	94,8	28	2,31	1.55		50
	H055432-	100	51	50,8	2.00	65,9	2.59	35	500	138	2000	254,0	10.00	94,8	28	2,31	1.55		100
	H055448	50	80	76,2	3.00	95,3	3.75	35	500	138	2000	558,8	22.00	94,8	28	3,44	2.31		50
	H055448-	150	80	76,2	3.00	95,3	3.75	35	500	138	2000	558,8	22.00	94,8	28	3,44	2.31		150
	H055464-	150	102	101,6	4.00	121,2	4.77	35	500	138	2000	558,8	22.00	94,8	28	6,28	4.22		150

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Suction & Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

H0599

CHEMCAT™ Corrugated Petrochemical



Construction:

Tube: UHMW-PE
FDA-approved material

Reinforcement: 2-ply fiber
with dual helical wire

Cover: Corrugated EPDM

Operating Temperature:

-40°C to +121°C
(-40°F to +250°F)

WARNING: Intermittent

Application:

- For transfer of acids, chemicals, solvents, and petroleum products
- Loading and unloading, pumping, suction, or gravity flow discharge









Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#																			
Part No.		Hose I.D.		Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length			
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
H059916-		150	25	25,4	1.00	38,9	1.53	20,7	300	83	1200	76,2	3.00	94,8	28	0,82	0.55		150
H059920-		150	31	31,8	1.25	47,6	1.87	20,7	300	83	1200	101,6	4.00	94,8	28	1,00	0.67		150
H059924-		100	38	38,1	1.50	54,0	2.13	20,7	300	83	1200	101,6	4.00	94,8	28	1,32	0.89		50, 100
H059932-		100	51	50,8	2.00	67,0	2.64	20,7	300	83	1200	127,0	5.00	94,8	28	1,73	1.16		50, 100
H059948-		100	80	76,2	3.00	92,2	3.63	20,7	250	70	1000	165,1	6.50	94,8	28	2,50	1.68		50, 100
H059964-		150	102	101,6	4.00	118,7	4.67	12,1	175	48	700	241,3	9.50	94,8	28	3,36	2.26		150

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

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.

H0523

CHEMCAT™ Petrochemical

**Construction:**

Tube: UHMW-PE
FDA-approved material

Reinforcement: 2-ply fiber
and dual helical wires

Cover: EPDM

Operating Temperature:

-40°C to +121°C
(-40°F to +250°F)
WARNING: Intermittent

Application:

- For transfer of acids, chemicals, solvents, and petroleum products
- Food transfer

Markets:

- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Ship building
- Forest products

Type of Couplings:


- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

# Part No.	Hose I.D.			Hose O.D.		Max Operating 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
H052312XX-100	19	19,0	0.75	30,6	1.20	20,7	300	83	1200	101,6	4.00	94,8	28	0,46	0.31	30,5	100
H052316XX-100	25	25,4	1.00	38,9	1.53	20,7	300	83	1200	139,7	5.50	94,8	28	0,82	0.55	30,5	100
H052320XX-100	31	31,8	1.25	47,8	1.88	20,7	300	83	1200	152,4	6.00	94,8	28	1,00	0.67	30,5	100
H052324XX-100	38	38,1	1.50	54,1	2.13	20,7	300	83	1200	190,5	7.50	94,8	28	1,33	0.89	30,5	100
H052332XX-100	51	50,8	2.00	66,8	2.63	20,7	300	83	1200	203,2	8.00	94,8	28	1,74	1.16	30,5	100
H052340XX-100	60	63,5	2.50	79,5	3.13	20,7	300	83	1200	203,2	8.00	94,8	28	2,13	1.42	30,5	100
H052348XX-100	80	76,2	3.00	92,2	3.63	17,2	250	70	1000	228,6	9.00	94,8	28	2,52	1.68	30,5	100
H052364XX-100	102	101,6	4.00	118,6	4.67	12,1	175	48	700	381,0	15.00	94,8	28	3,39	2.26	30,5	100


* Additional lengths available on select items

** XX notes color; GN for green, PR for purple

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Suction & Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

EHC006

Heavy Duty UHMW-PE Suction & Discharge

TS EN12115 Type SD

**Construction:**

Tube: UHMW-PE
FDA approved material

Reinforcement: High-tensile synthetic textile, steel helical wire and dual anti-static copper wires

Cover: EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

- For suction and discharge of chemicals and solvents









Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

# Part No.			 Hose I.D.			 Hose O.D.		 Max Operating Pressure		 Burst Pressure		 Minimum Bend Radius		 Vacuum		 Weight		 Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC006-12BK-	MXX	100	19	19,0	0.75	31	1.22	16,0	230	64	920	187	7.36	94,8	28	0,67	0.45	40-61	100
EHC006-16BK-	MXX	100	25	25,4	1.00	37	1.46	16,0	230	64	920	225	8.86	94,8	28	0,83	0.56	40-61	100
EHC006-20BK-	MXX	100	31	31,8	1.25	44	1.73	16,0	230	64	920	262	10.31	94,8	28	1,04	0.70	40-61	100
EHC006-24BK-	MXX	100	38	38,1	1.50	51	2.01	16,0	230	64	920	338	13.31	94,8	28	1,40	0.94	40-61	100
EHC006-32BK-	MXX	100	51	50,8	2.00	67	2.64	16,0	230	64	920	410	16.14	94,8	28	2,25	1.51	40-61	100
EHC006-40BK-	MXX	100	60	63,5	2.50	79	3.11	16,0	230	64	920	450	17.72	94,8	28	2,60	1.75	40-61	100
EHC006-48BK-	MXX	100	80	76,2	3.00	92	3.62	16,0	230	64	920	525	20.67	94,8	28	3,22	2.16	40-61	100
EHC006-64BK-	MXX	100	102	101,6	4.00	118	4.65	16,0	230	64	920	675	26.58	94,8	28	4,57	3.07	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

EHC019**Hard Wall Heavy Duty UHMW-PE Suction & Discharge****Construction:**

Tube: UHMW-PE

Reinforcement: High-tensile synthetic textile, dual steel helical wire and anti-static copper wire

Cover: EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

- For suction and discharge of corrosive chemicals, and solvents









Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT


Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

# Part No.			 Hose I.D.			 Hose O.D.		 Max Operating Pressure		 Burst Pressure		 Minimum Bend Radius		 Vacuum		 Weight		 Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC019-48-	MXX	100	80	76,2	3.00	92,0	3.62	17,2	250	70	1000	530	20.87	80,0	24	3,20	2.15	40-61	100
EHC019-64-	MXX	100	102	101,6	4.00	121,0	7.64	17,2	250	70	1000	700	27.56	80,0	24	4,75	3.19	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Suction & Discharge

 Refer to warnings and safety information on pages O-1 – O-16.

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.

EHC005

Corrugated UHMW-PE Suction & Discharge

**Construction:**

Tube: UHMW-PE
FDA Approved

Reinforcement: High-tensile synthetic textile, steel helical wire and anti-static copper wire

Cover: Corrugated EPDM

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

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









Markets:

- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration


Type of Couplings:

- Cam and groove
- Combination nipple
- Male MPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#																			
Part No.			DN	Hose I.D.		Hose O.D.		Max Oper Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC005-12GN-	MXX	100	19	19,0	0.75	29,0	1.14	10,5	150	41	600	90	3.54	94,8	28	0,57	0.38	40-61	100
EHC005-16GN-	MXX	100	25	25,4	1.00	36,0	1.42	10,5	150	41	600	110	4.33	94,8	28	0,76	0.51	40-61	100
EHC005-20GN-	MXX	100	31	31,8	1.25	44,0	1.69	10,5	150	41	600	150	5.91	94,8	28	1,08	0.73	40-61	100
EHC005-24GN-	MXX	100	38	38,1	1.50	50,0	1.97	10,5	150	41	600	175	6.89	94,8	28	1,24	0.83	40-61	100
EHC005-32GN-	MXX	100	51	50,8	2.00	65,0	2.56	10,5	150	41	600	250	9.84	94,8	28	1,96	1.32	40-61	100
EHC005-40GN-	MXX	100	60	63,5	2.50	78,0	3.07	10,5	150	41	600	325	12.80	94,8	28	2,33	1.57	40-61	100
EHC005-48GN-	MXX	100	80	76,2	3.00	91,0	3.58	10,5	150	41	600	450	17.72	94,8	28	2,99	2.01	40-61	100
EHC005-64GN-	MXX	100	102	101,6	4.00	118,0	4.69	10,5	150	41	600	650	25.59	94,8	28	4,28	2.87	40-61	100

*Product available in additional colors on a MTO basis

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

EHC004

UHMW-PE Suction & Discharge

**Construction:**

Tube: UHMW-PE
FDA Approved

Reinforcement: High-tensile synthetic textile, steel helical wire and anti-static copper wire

Cover: EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

- For suction and discharge of chemicals and solvents









Markets:

- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration


Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.


# Part No.			 Hose I.D.			 Hose O.D.		 Max Oper Pressure		 Burst Pressure		 Minimum Bend Radius		 Vacuum		 Weight		 Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC004-12GN-	MXX	100	19	19,0	0.75	31	1.22	10,5	150	41	600	80	3.15	94,8	28	0,69	0.46	40-61	100
EHC004-16GN-	MXX	100	25	25,4	1.00	37	1.46	10,5	150	41	600	110	4.33	94,8	28	0,82	0.55	40-61	100
EHC004-20GN-	MXX	100	31	31,8	1.25	45	1.77	10,5	150	41	600	165	6.50	94,8	28	1,12	0.75	40-61	100
EHC004-24GN-	MXX	100	38	38,1	1.50	52	2.05	10,5	150	41	600	225	8.86	94,8	28	1,50	1.01	40-61	100
EHC004-28GN-	MXX	100	45	44,5	1.75	59	2.32	10,5	150	41	600	285	11.22	94,8	28	1,82	1.22	40-61	100
EHC004-32GN-	MXX	100	51	50,8	2.00	67	2.64	10,5	150	41	600	350	13.78	94,8	28	2,28	1.53	40-61	100
EHC004-40GN-	MXX	100	60	63,5	2.50	80	3.15	10,5	150	41	600	450	17.72	94,8	28	2,78	1.87	40-61	100
EHC004-44GN-	MXX	100	70	70,0	2.75	87	3.43	10,5	150	41	600	550	21.65	94,8	28	3,18	2.14	40-61	100
EHC004-48GN-	MXX	100	80	76,2	3.00	93	3.66	10,5	150	41	600	800	31.50	94,8	28	3,32	2.23	40-61	100
EHC004-64GN-	MXX	100	102	101,6	4.00	120	4.72	10,5	150	41	600	1200	47.24	94,8	28	4,88	3.28	40-61	100

*Product also available in BK-Black and BU-Blue

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Suction & Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

H0661

COUGAR™ Corrugated



Construction:

Tube: CPE

Reinforcement: 2-ply fiber with helical wire

Cover: EPDM

Operating Temperature:

-43°C to +135°C
(-45°F to +275°F)

Application:

- For in-plant transfer of chemicals, alcohols, acids and petroleum products









Markets:


- In-plant transfers
- Tank truck
- Paper/pulp industry

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

# Part No.			 Hose I.D.			 Hose O.D.		 Max Operating Pressure		 Burst Pressure		 Minimum Bend Radius		 Vacuum		 Weight		 Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
H066132-		150	51	50,8	2.00	67,0	2.64	12,1	175	48	700	152,4	6.00	94,8	28	1,73	1.16		150
H066148-		150	80	76,2	3.00	92,2	3.63	12,1	175	48	700	229,0	9.00	94,8	28	2,50	1.68		150

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

H8359

PANTHER™ Chemical



Construction:

Tube: XLPE

Reinforcement:

2-ply fiber with helical wire

Cover: EPDM

Operating Temperature:

-43°C to +66°C
(-45°F to +150°F)

Application:

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

Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT


Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#	Part No.		Hose I.D.			Hose O.D.		Max Operating 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
H835916-		150	25	25,4	1.00	38,9	1.53	17,2	250	70	1000	127,0	5.00	94,8	28	1,07	0.72		150
H835920-		150	31	31,8	1.25	47,6	1.87	17,2	250	70	1000	203,2	8.00	94,8	28	1,28	0.86		150
H835924-		150	38	38,1	1.50	54,0	2.13	17,2	250	70	1000	203,2	8.00	94,8	28	1,32	0.89		150
H835932-		150	51	50,8	2.00	66,7	2.63	17,2	250	70	1000	228,6	9.00	94,8	28	1,68	1.13		150
H835940-		150	60	63,5	2.50	79,4	3.13	12,1	175	48	700	304,8	12.00	94,8	28	2,08	1.40		150
H835948-		150	80	76,2	3.00	92,1	3.63	12,1	175	48	700	406,4	16.00	94,8	28	2,44	1.64		150
H835964-		150	102	101,6	4.00	119,1	4.69	12,1	175	48	700	533,4	21.00	94,8	28	3,56	2.39		150

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Suction & Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

EHC003

Heavy Duty Chemical Suction & Discharge

TS EN12115 XLPE TYPE SD-M

**Construction:****Tube:** PE blend**Reinforcement:** High-tensile synthetic textile, dual steel helical wire and dual anti-static copper wires**Cover:** EPDM rubber**Operating Temperature:**-40°C to +80°C
(-40°F to +176°F)**Application:**

- For suction and discharge of chemicals and solvents









Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

# Part No.			 Hose I.D.			 Hose O.D.		 Max Operating Pressure		 Burst Pressure		 Minimum Bend Radius		 Vacuum		 Weight		 Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC003-12BK-	MXX	100	19	19,0	0.75	31	1.22	16	230	64	920	187	7.36	94,8	28	0,64	0.43	40-61	100
EHC003-16BK-	MXX	100	25	25,4	1.00	37	1.46	16	230	64	920	225	8.86	94,8	28	0,82	0.55	40-61	100
EHC003-20BK-	MXX	100	31	31,8	1.25	44	1.73	16	230	64	920	262	10.31	94,8	28	1,02	0.69	40-61	100
EHC003-24BK-	MXX	100	38	38,1	1.50	51	2.01	16	230	64	920	338	13.31	94,8	28	1,38	0.93	40-61	100
EHC003-32BK-	MXX	100	51	50,8	2.00	67	2.64	16	230	64	920	410	16.14	94,8	28	2,24	1.51	40-61	100
EHC003-40BK-	MXX	100	60	63,5	2.50	79	3.11	16	230	64	920	450	17.72	94,8	28	2,65	1.78	40-61	100
EHC003-48BK-	MXX	100	80	76,2	3.00	92	3.62	16	230	64	920	525	20.67	94,8	28	3,27	2.20	40-61	100
EHC003-64BK-	MXX	100	102	101,6	4.00	118	4.65	16	230	64	920	675	26.58	94,8	28	4,84	3.25	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

H0615

Corrugated Green CROSS-LINKED™



Construction:

Tube: XLPE

Reinforcement: 2-ply fiber with helical wire

Cover: Corrugated EPDM

Operating Temperature:

-43°C to +66°C
(-45°F to +150°F)

Application:

- For transfer of acids, chemicals, solvents, and petroleum products
- Loading and unloading, pumping, suction, or gravity flow discharge









Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT


Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#																			
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
H061532-		150	51	50,8	2.00	66,7	2.63	17,2	250	70	1000	152,4	7.00	94,8	28	1,68	1.13		150
H061548-		150	80	76,2	3.00	92,1	3.63	12,1	175	48	700	304,8	12.00	94,8	28	2,44	1.64		150

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Suction & Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

H0378

Green CROSS-LINKED™



Construction:

Tube: XLPE

Reinforcement: 2-ply fiber, with helical wire

Cover: EPDM

Operating Temperature:

-43°C to +66°C
(-45°F to +150°F)

Application:

- For transfer of acids, chemicals, solvents, and petroleum products
- Loading and unloading, pumping, suction, or gravity flow discharge

Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#	Part No.		Hose I.D.			Hose O.D.		Max Operating 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
		mtr																	
H037816-		150	25	25,4	1.00	38,9	1.53	17,2	250	70	1000	127,0	5.00	94,8	28	1,07	0.72		150
H037820-		150	31	31,8	1.25	47,6	1.87	17,2	250	70	1000	203,2	8.00	94,8	28	1,28	0.86		150
H037824-		150	38	38,1	1.50	54,0	2.13	17,2	250	70	1000	203,2	8.00	94,8	28	1,32	0.89		150
H037832-		150	51	50,8	2.00	66,7	2.63	17,2	250	70	1000	228,6	9.00	94,8	28	1,68	1.13		150
H037848-		150	80	76,2	3.00	92,1	3.63	12,1	175	48	700	406,4	16.00	94,8	28	2,44	1.64		150
H037864-		150	102	101,6	4.00	119,1	4.67	12,1	175	48	700	533,4	21.00	94,8	28	3,56	2.39		150

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

EHC002

Flat Corrugated Chemical Suction & Discharge



Construction:

Tube: PE blend

Reinforcement: High-tensile synthetic textile, dual steel helical wire and anti-static copper wire

Cover: Flat corrugated EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

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









Markets:

- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration


Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.


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Part No.			DN	Hose I.D.		Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC002-12GN-	MXX	100	19	19,0	0.75	29,0	1.14	10,5	150	31	450	70	2.76	94,8	28	0,49	0.33	40-61	100
EHC002-16GN-	MXX	100	25	25,4	1.00	36,0	1.42	10,5	150	31	450	100	3.94	94,8	28	0,64	0.43	40-61	100
EHC002-20GN-	MXX	100	31	31,8	1.25	43,0	1.69	10,5	150	31	450	130	5.12	94,8	28	0,96	0.65	40-61	100
EHC002-24GN-	MXX	100	38	38,1	1.50	50,0	1.97	10,5	150	31	450	160	6.30	94,8	28	1,11	0.75	40-61	100
EHC002-32GN-	MXX	100	51	50,8	2.00	64,0	2.52	10,5	150	31	450	250	9.84	94,8	28	1,60	1.08	40-61	100
EHC002-40GN-	MXX	100	60	63,5	2.50	78,0	3.07	10,5	150	31	450	350	13.78	94,8	28	2,26	1.52	40-61	100
EHC002-48GN-	MXX	100	80	76,2	3.00	91,0	3.58	10,5	150	31	450	450	17.72	94,8	28	2,60	1.75	40-61	100
EHC002-64GN-	MXX	100	102	101,6	4.00	119,0	4.69	10,5	150	31	450	700	27.56	94,8	28	4,33	2.91	40-61	100
EHC002-80GN-	MXX	100	130	127,0	5.00	148,0	5.83	10,5	150	31	450	900	35.43	94,8	28	6,75	4.54	40-61	100

*Product also available in BK-black

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Suction & Discharge

 Refer to warnings and safety information on pages O-1 – O-16.

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.

EHC001

Chemical Suction & Discharge



Construction:

Tube: PE blend

Reinforcement: High-tensile synthetic textile, dual steel helical wire and anti-static copper wire

Cover: EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

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









Markets:

- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling


Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#																			
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC001-12GN-	MXX	100	19	19,0	0.75	31	1.22	10,5	150	41	600	80	3.15	94,8	28	0,67	0.45	40-61	100
EHC001-16GN-	MXX	100	25	25,4	1.00	37	1.46	10,5	150	41	600	110	4.33	94,8	28	0,82	0.55	40-61	100
EHC001-20GN-	MXX	100	31	31,8	1.25	45	1.77	10,5	150	41	600	165	6.50	94,8	28	1,13	0.76	40-61	100
EHC001-24GN-	MXX	100	38	38,1	1.50	52	2.05	10,5	150	41	600	225	8.86	94,8	28	1,46	0.98	40-61	100
EHC001-28GN-	MXX	100	45	44,5	1.75	59	2.32	10,5	150	41	600	285	11.22	94,8	28	1,78	1.20	40-61	100
EHC001-32GN-	MXX	100	51	50,8	2.00	67	2.64	10,5	150	41	600	350	13.78	94,8	28	2,26	1.52	40-61	100
EHC001-40GN-	MXX	100	60	63,5	2.50	80	3.15	10,5	150	41	600	450	17.72	94,8	28	2,82	1.90	40-61	100
EHC001-44GN-	MXX	100	70	70,0	2.75	87	3.43	10,5	150	41	600	550	21.65	94,8	28	3,19	2.14	40-61	100
EHC001-48GN-	MXX	100	80	76,2	3.00	93	3.66	10,5	150	41	600	800	31.50	94,8	28	3,43	2.31	40-61	100
EHC001-64GN-	MXX	100	102	101,6	4.00	120	4.72	10,5	150	41	600	1200	47.24	94,8	28	5,29	3.56	40-61	100

*Product also available in BK-black

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

EHC018

Hard Wall Heavy Duty Chemical Suction & Discharge



Construction:

Tube: PE Blend

Reinforcement: High-tensile synthetic textile, dual steel helical wire and anti-static copper wire

Cover: EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

- For suction and discharge of corrosive chemicals and solvents

Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT


Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

# Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC018-48-	MXX	100	80	76,2	3.00	91	3.58	10,5	150	41	600	530	20.87	80,0	24	3,20	2.15	40-61	100
EHC018-64-	MXX	100	102	101,6	4.00	120	4.72	10,5	150	41	600	700	27.56	80,0	24	4,68	3.14	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Suction & Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

EHC011

Heavy Duty EPDM Suction & Discharge

TS EN12115 EPDM Type SD

**Construction:****Tube:** EPDM rubber**Reinforcement:** High-tensile synthetic textile, dual steel helical wires and anti-static copper wire**Cover:** EPDM rubber**Operating Temperature:**-40°C to +80°C
(-40°F to +176°F)**Application:**

- For suction and discharge of chemicals and solvents









Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#																			
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC011-12-	MXX	100	19	19,0	0.75	31	1.22	16,0	230	64	920	75	2.95	94,8	28	0,63	0.42	40-61	100
EHC011-16-	MXX	100	25	25,4	1.00	37	1.46	16,0	230	64	920	100	3.94	94,8	28	0,78	0.52	40-61	100
EHC011-20-	MXX	100	31	31,8	1.25	44	1.73	16,0	230	64	920	125	4.92	94,8	28	1,03	0.69	40-61	100
EHC011-24-	MXX	100	38	38,1	1.50	51	2.01	16,0	230	64	920	150	5.90	94,8	28	1,42	0.95	40-61	100
EHC011-32-	MXX	100	51	50,8	2.00	67	2.64	16,0	230	64	920	225	8.86	94,8	28	2,20	1.48	40-61	100
EHC011-40-	MXX	100	60	63,5	2.50	79	3.11	16,0	230	64	920	280	11.02	94,8	28	2,67	1.79	40-61	100
EHC011-48-	MXX	100	80	76,2	3.00	92	3.62	16,0	230	64	920	340	13.39	80,0	24	3,16	2.12	40-61	100
EHC011-64-	MXX	100	102	101,6	4.00	118	4.65	16,0	230	64	920	455	17.91	80,0	24	4,36	2.93	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

H0345

TIGER™ Chemical Suction & Discharge



Construction:

Tube: EPDM

Reinforcement:

2-ply fiber with helical wire

Cover: EPDM

Operating Temperature:

-43°C to +82°C
(-45°F to +180°F)

Application:

- For transfer of acids, chemicals, solvents, and petroleum products
- Loading and unloading, pumping, suction, or gravity flow discharge

Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT


Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#	Part No.		Hose I.D.			Hose O.D.		Max Operating 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
H034524-		100	38	38,1	1.50	60,3	2.37	10,5	150	41	600	101,6	4.00	94,8	28	2,31	1.55		100
H034532-		100	51	50,8	2.00	73,0	2.87	10,5	150	41	600	127,0	5.00	94,8	28	2,86	1.92		100
H034548-		100	80	76,2	3.00	100,0	3.94	10,5	150	41	600	228,6	9.00	94,8	28	4,25	2.86		100
H034564-		150	102	101,6	4.00	125,4	4.94	10,5	150	41	600	279,4	11.00	94,8	28	5,49	3.69		150
H034596		150	150	152,4	6.00	183,4	7.22	10,5	150	41	600	762,0	30.00	94,8	28	11,63	7.82		150

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Suction & Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

EHC009

Corrugated EPDM Suction & Discharge



Construction:

Tube: EPDM rubber

Reinforcement: High-tensile synthetic textile, steel helical wire and anti-static copper wire

Cover: Corrugated EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

- For suction and discharge of chemicals and solvents









Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#																			
			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
Part No.	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC009-12-	MXX	100	19	19,0	0.75	29,5	1.16	10,5	150	41	600	75	2.95	94,8	28	0,61	0.41	40-61	100
EHC009-16-	MXX	100	25	25,4	1.00	36,0	1.42	10,5	150	41	600	100	3.94	94,8	28	0,76	0.51	40-61	100
EHC009-20-	MXX	100	31	31,8	1.25	43,0	1.69	10,5	150	41	600	125	4.92	94,8	28	0,99	0.67	40-61	100
EHC009-24-	MXX	100	38	38,1	1.50	49,0	1.93	10,5	150	41	600	150	5.90	94,8	28	1,15	0.77	40-61	100
EHC009-28-	MXX	100	45	44,5	1.75	56,5	2.22	10,5	150	41	600	190	7.48	94,8	28	1,41	0.95	40-61	100
EHC009-32-	MXX	100	51	50,8	2.00	63,0	2.48	10,5	150	41	600	240	9.45	94,8	28	1,73	1.16	40-61	100
EHC009-40-	MXX	100	60	63,5	2.50	77,0	3.03	10,5	150	41	600	305	12.00	94,8	28	2,47	1.66	40-61	100
EHC009-44-	MXX	100	70	70,0	2.75	83,5	3.29	10,5	150	41	600	335	13.19	94,8	28	2,70	1.82	40-61	100
EHC009-48-	MXX	100	80	76,2	3.00	92,5	3.64	10,5	150	41	600	380	14.96	94,8	28	3,40	2.29	40-61	100
EHC009-64-	MXX	100	102	101,6	4.00	118,0	4.65	10,5	150	41	600	525	20.67	94,8	28	4,42	2.97	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

EHC008

EPDM Suction & Discharge

**Construction:**

Tube: EPDM rubber

Reinforcement: High-tensile synthetic textile, steel helical wire and anti-static copper wire

Cover: EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

- For suction and discharge of chemicals and solvents









Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT


Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#																			
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC008-12-	MXX	100	19	19,0	0.75	30	1.18	10,5	150	41	600	75	2.95	94,8	28	0,61	0.41	40-61	100
EHC008-16-	MXX	100	25	25,4	1.00	36	1.42	10,5	150	41	600	100	3.94	94,8	28	0,72	0.48	40-61	100
EHC008-20-	MXX	100	31	31,8	1.25	44	1.73	10,5	150	41	600	125	4.92	94,8	28	1,02	0.69	40-61	100
EHC008-24-	MXX	100	38	38,1	1.50	51	2.01	10,5	150	41	600	150	5.90	94,8	28	1,36	0.91	40-61	100
EHC008-28-	MXX	100	45	44,5	1.75	58	2.28	10,5	150	41	600	190	7.48	94,8	28	1,63	1.10	40-61	100
EHC008-32-	MXX	100	51	50,8	2.00	66	2.60	10,5	150	41	600	225	8.86	94,8	28	2,08	1.40	40-61	100
EHC008-40-	MXX	100	60	63,5	2.50	79	3.11	10,5	150	41	600	280	11.02	94,8	28	2,70	1.82	40-61	100
EHC008-44-	MXX	100	70	70,0	2.75	86	3.39	10,5	150	41	600	315	12.40	94,8	28	3,01	2.02	40-61	100
EHC008-48-	MXX	100	80	76,2	3.00	92	3.62	10,5	150	41	600	340	13.39	94,8	28	3,24	2.18	40-61	100
EHC008-64-	MXX	100	102	101,6	4.00	118	4.65	10,5	150	41	600	455	17.91	94,8	28	4,55	3.06	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Suction & Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

EHC013

CSM Suction & Discharge



Construction:

Tube: CSM rubber

Reinforcement: High-tensile synthetic textile, steel helical wire and anti-static copper wire

Cover: Nitrile blend rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

- For suction and discharge of chemicals and solvents









Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#																			
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC013-12-	MXX	100	19	19,0	0.75	30	1.18	10,5	150	41	600	75	2.95	94,8	28	0,59	0.40	40-61	100
EHC013-16-	MXX	100	25	25,4	1.00	36	1.42	10,5	150	41	600	100	3.94	94,8	28	0,70	0.47	40-61	100
EHC013-20-	MXX	100	31	31,8	1.25	44	1.73	10,5	150	41	600	125	4.92	94,8	28	1,01	0.68	40-61	100
EHC013-24-	MXX	100	38	38,1	1.50	51	2.01	10,5	150	41	600	150	5.90	94,8	28	1,35	0.91	40-61	100
EHC013-28-	MXX	100	45	44,5	1.75	58	2.28	10,5	150	41	600	190	7.48	94,8	28	1,59	1.07	40-61	100
EHC013-32-	MXX	100	51	50,8	2.00	66	2.60	10,5	150	41	600	225	8.86	94,8	28	2,03	1.36	40-61	100
EHC013-40-	MXX	100	60	63,5	2.50	79	3.11	10,5	150	41	600	280	11.02	94,8	28	2,63	1.77	40-61	100
EHC013-48-	MXX	100	80	76,2	3.00	92	3.62	10,5	150	41	600	340	13.39	94,8	28	3,19	2.14	40-61	100
EHC013-64-	MXX	100	102	101,6	4.00	118	4.65	10,5	150	41	600	455	17.91	94,8	28	4,26	2.86	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

EHC017**Heavy Duty UHMW-PE Discharge**

TS EN12115 UHMW-PE Type D

**Construction:**

Tube: UHMW-PE
FDA approved material

Reinforcement: High-tensile synthetic textile, and anti-static copper wire

Cover: EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

- For discharge of chemicals and solvents








Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT


Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

# Part No.			 Hose I.D.			 Hose O.D.		 Max Operating Pressure		 Burst Pressure		 Minimum Bend Radius		 Weight		 Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	mtr	ft
EHC017-12BK-	MXX	100	19	19,0	0.75	31	1.22	16,0	230	64	920	187	7.36	0,55	0.37	40-61	100
EHC017-16BK-	MXX	100	25	25,4	1.00	37	1.46	16,0	230	64	920	225	8.86	0,67	0.45	40-61	100
EHC017-20BK-	MXX	100	31	31,8	1.25	44	1.73	16,0	230	64	920	262	10.31	1,02	0.69	40-61	100
EHC017-24BK-	MXX	100	38	38,1	1.50	51	2.01	16,0	230	64	920	338	13.31	1,18	0.79	40-61	100
EHC017-32BK-	MXX	100	51	50,8	2.00	67	2.64	16,0	230	64	920	410	16.14	1,68	1.13	40-61	100
EHC017-40BK-	MXX	100	60	63,5	2.50	79	3.11	16,0	230	64	920	450	17.72	2,20	1.48	40-61	100
EHC017-48BK-	MXX	100	80	76,2	3.00	92	3.62	16,0	230	64	920	525	20.67	2,70	1.82	40-61	100
EHC017-64BK-	MXX	100	102	101,6	4.00	118	4.65	16,0	230	64	920	675	26.57	3,61	2.43	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

EHC016

UHMW-PE Discharge

**Construction:**

Tube: UHMW-PE

Reinforcement: High-tensile synthetic textile and anti-static copper wire

Cover: EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

- For discharge of chemicals and solvents







Markets:

- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration


Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#															
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHC016-12GN-	MXX	100	19	19,0	0.75	30	1.18	10,5	150	41,0	600	0,56	0.38	40-61	100
EHC016-16GN-	MXX	100	25	25,4	1.00	36	1.42	10,5	150	41,0	600	0,66	0.44	40-61	100
EHC016-20GN-	MXX	100	31	31,8	1.25	45	1.77	10,5	150	41,0	600	1,19	0.80	40-61	100
EHC016-24GN-	MXX	100	38	38,1	1.50	51	2.01	10,5	150	41,0	600	1,58	1.06	40-61	100
EHC016-28GN-	MXX	100	45	44,5	1.75	59	2.32	10,5	150	41,0	600	1,75	1.18	40-61	100
EHC016-32GN-	MXX	100	51	50,8	2.00	65	2.56	10,5	150	41,0	600	2,23	1.50	40-61	100
EHC016-40GN-	MXX	100	60	63,5	2.50	79	3.11	10,5	150	41,0	600	2,50	1.68	40-61	100
EHC016-44GN-	MXX	100	70	70,0	2.75	86	3.39	10,5	150	41,0	600	2,71	1.82	40-61	100
EHC016-48GN-	MXX	100	80	76,2	3.00	92	3.62	10,5	150	41,0	600	3,21	2.16	40-61	100
EHC016-64GN-	MXX	100	102	101,6	4.00	118	4.65	10,5	150	41,0	600	3,77	2.53	40-61	100

*Product also available in BK-Black and BU-Blue

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

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.

EHC015**Heavy Duty Chemical Discharge**

TS EN12115 XLPE Type D-M

**Construction:****Tube:** PE blend**Reinforcement:** High-tensile synthetic textile, and anti-static copper wire**Cover:** EPDM rubber**Operating Temperature:**-40°C to +80°C
(-40°F to +176°F)**Application:**

- For discharge of chemicals and solvents

Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT


Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#	Part No.		Hose I.D.			Hose O.D.		Max Operating 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
	MXX	100	19	19,0	0.75	31,0	1.22	16,0	230	64,0	920	187	7.36	0,60	0.40	40-61	100
	MXX	100	25	25,4	1.00	37,0	1.46	16,0	230	64,0	920	225	8.86	0,71	0.48	40-61	100
	MXX	100	31	31,8	1.25	44,0	1.73	16,0	230	64,0	920	262	10.31	0,93	0.63	40-61	100
	MXX	100	38	38,1	1.50	51,0	2.01	16,0	230	64,0	920	338	13.31	1,19	0.80	40-61	100
	MXX	100	51	50,8	2.00	67,0	2.64	16,0	230	64,0	920	410	16.14	1,91	1.28	40-61	100
	MXX	100	60	63,5	2.50	79,0	3.11	16,0	230	64,0	920	450	17.72	2,22	1.49	40-61	100
	MXX	100	80	76,2	3.00	92,0	3.62	16,0	230	64,0	920	525	20.67	2,65	1.78	40-61	100
	MXX	100	102	101,6	4.00	118,0	4.65	16,0	230	64,0	920	675	26.57	3,65	2.45	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

EHC014

Chemical Discharge

**Construction:**

Tube: PE blend

Reinforcement: High-tensile synthetic textile, and anti-static copper wire

Cover: EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

- For discharge of chemicals and solvents







Markets:

- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration


Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#															
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHC014-12GN-	MXX	100	19	19,0	0.75	30,0	1.18	10,5	150	41,0	600	0,55	0.37	40-61	100
EHC014-16GN-	MXX	100	25	25,4	1.00	36,0	1.42	10,5	150	41,0	600	0,67	0.45	40-61	100
EHC014-20GN-	MXX	100	31	31,8	1.25	45,0	1.77	10,5	150	41,0	600	1,02	0.69	40-61	100
EHC014-24GN-	MXX	100	38	38,1	1.50	51,0	2.01	10,5	150	41,0	600	1,18	0.79	40-61	100
EHC014-28GN-	MXX	100	45	44,5	1.75	59,0	2.32	10,5	150	41,0	600	1,59	1.07	40-61	100
EHC014-32GN-	MXX	100	51	50,8	2.00	65,0	2.56	10,5	150	41,0	600	1,68	1.13	40-61	100
EHC014-40GN-	MXX	100	60	63,5	2.50	79,0	3.11	10,5	150	41,0	600	2,20	1.48	40-61	100
EHC014-48GN-	MXX	100	80	76,2	3.00	92,0	3.62	10,5	150	41,0	600	2,70	1.82	40-61	100
EHC014-64GN-	MXX	100	102	101,6	4.00	118,0	4.65	10,5	150	41,0	600	3,61	2.43	40-61	100

*Product also available in BK-Black

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

H9699

ALLEYCAT™ Hot Liquid

**Construction:**

Tube: EPDM

Reinforcement: 2-wire braid with anti-static wire

Cover: EPDM

Operating Temperature:

-40°C to +149°C
(-40°F to +300°F)

Application:

- For in-plant transfer of liquors and cleaning solutions









Markets:


- In-plant transfers
- Tank truck
- Paper/pulp industry

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT


Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

																	
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	mtr	ft
H969924-		50	38	38,1	1.50	55,6	2.19	41,0	600	165	2400	203,2	8.00	2,23	1.50		50, 150
H969932-		50	51	50,8	2.00	68,3	2.69	41,0	600	165	2400	406,4	16.00	2,63	1.77		50

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

EHC010

Heavy Duty EPDM Discharge

TS EN12115 EPDM Type D-M

**Construction:****Tube:** EPDM**Reinforcement:** High-tensile synthetic textile, and dual anti-static copper wire**Cover:** EPDM rubber**Operating Temperature:**-40°C to +80°C
(-40°F to +176°F)**Application:**

- For discharge of chemicals and solvents








Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

# Part No.			 Hose I.D.			 Hose O.D.		 Max Operating Pressure		 Burst Pressure		 Minimum Bend Radius		 Weight		 Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	mtr	ft
EHC010-12-	MXX	100	19	19,0	0.75	31	1.22	16,0	230	64	920	125	4.92	0,63	0.42	40-61	100
EHC010-16-	MXX	100	25	25,4	1.00	37	1.46	16,0	230	64	920	150	5.91	0,75	0.50	40-61	100
EHC010-20-	MXX	100	31	31,8	1.25	44	1.73	16,0	230	64	920	175	6.89	0,93	0.63	40-61	100
EHC010-24-	MXX	100	38	38,1	1.50	51	2.01	16,0	230	64	920	225	8.86	1,20	0.81	40-61	100
EHC010-32-	MXX	100	51	50,8	2.00	67	2.64	16,0	230	64	920	275	10.83	1,94	1.30	40-61	100
EHC010-40-	MXX	100	60	63,5	2.50	79	3.11	16,0	230	64	920	300	11.81	2,31	1.55	40-61	100
EHC010-48-	MXX	100	80	76,2	3.00	92	3.62	16,0	230	64	920	350	13.78	2,71	1.82	40-61	100
EHC010-64-	MXX	100	102	101,6	4.00	118	4.65	16,0	230	64	920	450	17.72	3,72	2.50	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

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.

H0346**LEOPARD™ Chemical Discharge****Construction:**

Tube: EPDM

Reinforcement:
2-ply fiber

Cover: EPDM

Operating Temperature:

-43°C to +82°C
(-45°F to +180°F)

Application:

- For transfer of acids, chemicals, solvents, and petroleum products
- Loading and unloading, pumping, suction, or gravity flow discharge

Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT


Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#																	
Part No.		Hose I.D.		Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Weight		Length			
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	mtr	ft
H034624-		100	38	38,1	1.50	57,4	2.26	10,5	150	41,0	600	152,4	6.00	1,79	1.20		100
H034632-		100	51	50,8	2.00	69,9	2.75	10,5	150	41,0	600	228,6	9.00	2,23	1.50		100
H034648-		100	80	76,2	3.00	98,0	3.86	7,0	100	28,0	400	508,0	20.00	3,12	2.10		100
H034664		50	102	101,6	4.00	123,4	4.86	7,0	100	28,0	400	762,0	30.00	3,87	2.60		50

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Discharge

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

EHC007

EPDM Discharge

**Construction:**

Tube: EPDM rubber

Reinforcement: High-tensile synthetic textile and anti-static copper wire

Cover: EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

- For discharge of chemicals and solvents







Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#															
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHC007-12-	MXX	100	19	19,0	0.75	29	1.14	10,5	150	41,0	600	0,48	0.32	40-61	100
EHC007-16-	MXX	100	25	25,4	1.00	35	1.38	10,5	150	41,0	600	0,60	0.40	40-61	100
EHC007-20-	MXX	100	31	31,8	1.25	43	1.69	10,5	150	41,0	600	0,86	0.58	40-61	100
EHC007-24-	MXX	100	38	38,1	1.50	49	1.93	10,5	150	41,0	600	0,99	0.67	40-61	100
EHC007-28-	MXX	100	45	44,5	1.75	56	2.20	10,5	150	41,0	600	1,18	0.79	40-61	100
EHC007-32-	MXX	100	51	50,8	2.00	64	2.52	10,5	150	41,0	600	1,55	1.04	40-61	100
EHC007-40-	MXX	100	60	63,5	2.50	77	3.03	10,5	150	41,0	600	1,91	1.28	40-61	100
EHC007-44	MXX	100	70	70,0	2.75	84	3.31	10,5	150	41,0	600	2,19	1.47	40-61	100
EHC012-48-	MXX	100	80	76,2	3.00	90	3.54	10,5	150	41,0	600	2,37	1.59	40-61	100
EHC012-64-	MXX	100	102	101,6	4.00	116	4.57	10,5	150	41,0	600	3,11	2.09	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

EHC012

CSM Discharge

**Construction:**

Tube: CSM rubber

Reinforcement: High-tensile synthetic textile, and anti-static copper wire

Cover: Nitrile blend

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

- For discharge of chemicals and solvents







Markets:


- Chemical petroleum industry
- In-plant transfers
- Tank truck
- Paper/pulp industry
- Bulk hauling
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT


Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

#															
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHC012-12-	MXX	100	19	19,0	0.75	29	1.14	10,5	150	41,0	600	0,59	0.40	40-61	100
EHC012-16-	MXX	100	25	25,4	1.00	35	1.38	10,5	150	41,0	600	0,70	0.47	40-61	100
EHC012-20-	MXX	100	31	31,8	1.25	43	1.69	10,5	150	41,0	600	1,01	0.68	40-61	100
EHC012-24-	MXX	100	38	38,1	1.50	49	1.93	10,5	150	41,0	600	1,35	0.91	40-61	100
EHC012-28-	MXX	100	45	44,5	1.75	56	2.20	10,5	150	41,0	600	1,59	1.07	40-61	100
EHC012-32-	MXX	100	51	50,8	2.00	64	2.52	10,5	150	41,0	600	2,03	1.36	40-61	100
EHC012-40-	MXX	100	60	63,5	2.50	77	3.03	10,5	150	41,0	600	2,63	1.77	40-61	100
EHC012-48-	MXX	100	80	76,2	3.00	90	3.54	10,5	150	41,0	600	3,19	2.14	40-61	100
EHC012-64-	MXX	100	102	101,6	4.00	116	4.57	10,5	150	41,0	600	4,26	2.86	40-61	100

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Specialty

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

**EHT453, EHT454
& EHT455****Agricultural Spray****Construction:****Tube:** PVC**Reinforcement:** High-tensile synthetic textile**Cover:** PVC**Operating Temperature:**-10°C to +60°C
(+14°F to +140°F)**Application:**

- Spraying pesticides and fertilizers







Markets:

- Agriculture

Type of Couplings:

- Barbed inserts

Contact coupling manufacturer for attachment procedure and other coupling recommendations

#															
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Weight		Length	
EHT453	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHT453-05XX-	M150		8	7,9	0.31	14,0	0.55	50,0	725	150	2175	0,15	0.10	30,150	
EHT453-06XX-	M150		10	9,5	0.38	17,0	0.67	50,0	725	150	2175	0,20	0.13	30,150	
EHT453-08XX-	M150		12	12,7	0.50	20,0	0.79	50,0	725	150	2175	0,27	0.18	30,150	


EHT454

EHT454-05XX-	M150		8	7,9	0.31	15,0	0.59	80,0	1160	240	3480	0,18	0.12	30,150	
EHT454-06XX-	M150		10	9,5	0.38	18,0	0.71	80,0	1160	240	3480	0,24	0.16	30,150	
EHT454-08XX-	M150		12	12,7	0.50	21,0	0.73	80,0	1160	240	3480	0,31	0.21	30,150	

EHT455

EHT455-05XX-	M150		8	7,9	0.31	15,0	0.59	100,0	1450	300	4350	0,19	0.12	30,150	
EHT455-06XX-	M150		10	9,5	0.38	18,0	0.71	100,0	1450	300	4350	0,25	0.16	30,150	
EHT455-08XX-	M150		12	12,7	0.50	21,0	0.73	100,0	1450	300	4350	0,32	0.22	30,150	

* XX represents color options — BK is black, RD is red, YW is yellow, OR is orange and BU is blue

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

EHT451 & EHT452 Agricultural Spray



Construction:

Tube: PVC

Reinforcement: High-tensile synthetic textile

Cover: PVC

Operating Temperature:

-10°C to +60°C
(+14°F to +140°F)

Application:

- Spraying pesticides and fertilizers







Markets:

- Agriculture

Type of Couplings:

- Barbed inserts


Contact coupling manufacturer for attachment procedure and other coupling recommendations

#															
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Weight		Length	
EHT451	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHT451-05XX-	150		8	7,9	0.31	13,0	0.51	20,0	290	60	870	0,12	0.08	30,150	
EHT451-06XX-	150		10	9,5	0.38	15,0	0.59	20,0	290	60	870	0,14	0.09	30,150	
EHT451-08XX-	150		12	12,7	0.50	19,0	0.75	20,0	290	60	870	0,22	0.15	30,150	
EHT451-10XX-	100		16	15,9	0.62	23,0	0.91	20,0	290	60	870	0,29	0.19	20,100	
EHT451-12XX-	100		19	19,0	0.75	26,0	1.02	20,0	290	60	870	0,35	0.24	20,100	
EHT451-16XX-	50		25	25,4	1.00	33,5	1.32	20,0	290	60	870	0,53	0.36	20,50	

EHT452


EHT452-05XX-	150		8	7,9	0.31	14,0	0.55	40,0	580	120	1740	0,14	0.09	30,150	
EHT452-06XX-	150		10	9,5	0.38	16,0	0.63	40,0	580	120	1740	0,18	0.12	30,150	
EHT452-08XX-	150		12	12,7	0.50	20,0	0.79	40,0	580	120	1740	0,28	0.18	30,150	
EHT452-10XX-	100		16	15,9	0.62	24,0	0.94	40,0	580	120	1740	0,35	0.24	20,100	
EHT452-12XX-	100		19	19,0	0.75	28,0	1.10	40,0	580	120	1740	0,46	0.31	20,100	
EHT452-16XX-	50		25	25,4	1.00	35,0	1.38	40,0	580	120	1740	0,64	0.43	20,50	

* XX represents color options — BK is black, RD is red, YW is yellow, BU is blue, OR is orange, and WH is white

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Chemical

Specialty

 Refer to warnings and safety information on pages 0-1 – 0-16.

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.

H1941 & H1942

NYALL™ Hose

**Construction:**

Tube: Nylon

Reinforcement:

H1941 1-fiber braid

H1942 2-fiber braid

Cover: (BK) Neoprene
(RD) Vinyl Nitrile and
RMA Class B oil resistant

Operating Temperature:

-34°C to +71°C
(-30°F to +160°F)

Application:

- Spraying pesticides and fertilizers
- Paint spray







Markets:


- Agriculture

Type of Couplings:

- Barbed inserts

Contact coupling manufacturer for attachment procedure and other coupling recommendations

#															
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Weight		Length	
H1941	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
H194104BK-		500R	6	6,4	0.25	12,7	0.50	35,0	500	138	2000	0,12	0.08		500
H194104RD-		500R	6	6,4	0.25	12,7	0.50	35,0	500	138	2000	0,12	0.08		500
H194105BK-		500R	8	7,9	0.31	14,3	0.56	35,0	500	138	2000	0,16	0.11		500
H194106BK-		500R	10	9,7	0.38	17,5	0.69	35,0	500	138	2000	0,22	0.15		500
H194106RD-		500R	10	9,7	0.38	17,5	0.69	35,0	500	138	2000	0,22	0.15		500
H194108RD-		500R	12	12,7	0.50	19,9	0.78	35,0	500	138	2000	0,22	0.15		500
H1942															
H194208BK-		500R	12	12,7	0.50	22,2	0.88	52,0	750	207	3000	0,31	0.21		500
H194208RD-		500R	12	12,7	0.50	22,2	0.88	52,0	750	207	3000	0,31	0.21		500
H194212RD-		500R	19	19,0	0.75	30,2	1.19	52,0	750	207	3000	0,59	0.40		500
H194216RD-		300R	25	25,4	1.00	38,1	1.50	35,0	500	138	2000	0,83	0.56		300

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

H1561

CHEMFORCE™



Construction:

Tube: PVC / Polyurethane blend

Reinforcement: 4-spiral fiber

Cover: PVC

Operating Temperature:

-9°C to +71°C
(+15°F to +160°F)

Application:

- Spraying pesticides and fertilizers
- Paint spray







Markets:

- Agriculture


Type of Couplings:

- Barbed inserts

Contact coupling manufacturer for attachment procedure and other coupling recommendations

<div>#</div> <div>Part No.</div>			<div></div> <div>Hose I.D.</div>			<div></div> <div>Hose O.D.</div>		<div></div> <div>Max Operating Pressure</div>		<div></div> <div>Burst Pressure</div>		<div></div> <div>Weight</div>		<div></div> <div>Length</div>	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
H156106-		300R	10	9,7	0.38	16,5	0.65	41,0	600	165	2400	0,20	0.13		300
H156108-		300R	12	12,7	0.50	21,3	0.84	41,0	600	165	2400	0,27	0.17		300
H156112-		300R	19	19,0	0.75	29,0	1.14	41,0	600	165	2400	0,53	0.35		300

*Additional pressures and colors available on a MTO basis

 Elevated temperatures can change chemical resistance ratings. Please refer to the Chemical Compatibility information prior to use. Factors such as concentration, fluid contamination, and extreme temperatures may affect these performance specification. Please consult Eaton catalog or Technical Support for proper application.

Eaton Industrial Hose Reminder

Selection of Hose Ends



Proper Selection of Hose Ends

Selection of the proper Eaton Industrial hose end or coupling is essential to the proper operation and safe use of hose assemblies and related equipment.

Inadequate attention to the selection of the end fittings may result in hose leakage, bursting, or other failure which may cause serious bodily injury or property damage from spraying fluids or flying projectiles. In order to avoid serious bodily injury or property damage resulting from selection of an incompatible hose end or coupling, you should carefully review the information in this catalog. Some factors which are involved in selection of the proper hose couplings are:

- Fluid compatibility
- Temperature
- Installation design
- Hose size
- Corrosion requirements
- Fluid conveyed

The given hose and hose end selection factors and the other information contained in this catalog should be considered by you in selecting the proper hose end fitting for your application.

If you have any questions regarding the use of hose/hose ends for North America contact Eaton Technical Support 1-888-258-0222, for global support contact your local Eaton technical representative.

Contact coupling manufacturer for other coupling recommendations including proper metal selection (stainless, aluminium, brass etc.) and attachment procedure with crimp specifications.

Notes
