

Industrial Hose & Hose Ends

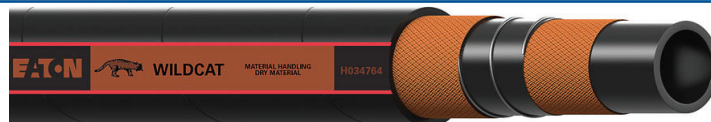
John Henry Foster has partnered with Eaton and Dixon to provide all the hose and hose ends for your Industrial needs — including everything from sandblasting, high pressure, suction & discharge — for use with air, water, food, acids, chemicals, solvents, and petroleum products.



Contact us (see back) for information regarding other applications.

We look forward to providing you with quality products and exceptional service.

H0034 WILDCAT™ Sandblast (formerly Concord Sandblast)


Construction:

Tube: Natural rubber
Reinforcement: 4-ply textile
Cover: SBR

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

Application:

- Conveys sand or shot for cleaning purposes
- Conveys sand from sandblast equipment to clean steel or concrete before painting or sealing

Markets:

- Construction
- Metal working
- Ship building

Type of Couplings:

- Sandblast couplings that attach to the O.D. of hose

# 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
H003416-100	24	25,4	1.00	47,6	1.87	10,5	150	41	600	115	4.53	1,53	1.03	30,5	100
H003420-100	31	31,8	1.25	54,8	2.16	8,5	125	35	500	135	5.31	1,84	1.23	30,5	100

Abrasion loss value acc. DIN53516 ≤60mm³

EHA500 High Pressure Air


Construction:

Tube: Oil-resistant nitrile blend
Reinforcement: High-tensile steel wire

Cover: Pin-pricked, abrasion, ozone, and weather resistant synthetic rubber

Operating Temperature:

-40°C to +93°C
(-40°F to +200°F)

Application:

- High-pressure air service

Markets:

- Construction
- Oil field equipment
- Drilling equipment
- Mining
- Rental industry
- Steel
- Paper

Type of Couplings:

- Boss
- Ground joint
- Air hammer
- Air king
- Eaton quick disconnect

# 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
EHA500-16YW-	MXX	100	25	25,4	1.00	36,0	1.42	41,0	600	165	2400	0,88	0.59	40-61	100
EHA500-32YW-	MXX	100	51	50,8	2.00	66,0	2.60	41,0	600	165	2400	2,51	1.69	40-61	100

**50 ft. length also available and black cover available on a MTO basis

Eaton Hose

EHT005 Medium Duty Suction & Discharge

EATON® MEDIUM DUTY SUCTION & DISCHARGE EHT005



Construction:
Tube: PVC spiral
Cover: PVC

Operating Temperature:
-5°C to +60° C
(+23°F to +140°F)

Application:
• For medium-duty suction and delivery of water, salt water, light chemicals

Markets:
• Agriculture
• Industry
• Construction

Type of Couplings:
• Cam and groove
• Combination nipples

#		Hose I.D.			Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length		
Part No.	mtr	ft	DN	mm	in	bar	psi	mm	in	bar	psi	kg/m	lbs/ft	mtr	ft
EHT005-32GN-	MXX	150	51	50,8	2.00	22	319	220	8.66	88,0	26	0,98	0.66	30,50	150
EHT005-48GN-	MXX	150	80	76,2	3.00	18	261	380	14.96	88,0	26	1,70	1.14	30,50	150

EH360 Water Suction & Discharge



Construction:
Tube: Synthetic rubber
Reinforcement: Textile and a single steel helical wire with a dual steel helical wire on 8.00", 10.00" and 12.00"

Cover: Abrasion and weather resistant synthetic rubber

Operating Temperature:
-25°C to +70°C
(-13°F to +158°F)

Application:
• Pumping, suction and discharge of water, mud and slurries
• Convey water
• Transfer and haul salt water (brine)

Markets:
• Construction
• Equipment rental
• Mining
• Ship building
• Oil and gas exploration
• Tank truck

Type of Couplings:
• Cam and groove
• Combination nipple

#		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
EH36032-	MXX	100	51	50,8	2.00	62,0	2.44	10,5	150	31	450	215	8.46	94,8	28	1.76	1.18	40-61	100
EH36048-	MXX	100	80	76,2	3.00	89,0	3.50	10,5	150	31	450	350	13.78	94,8	28	2,91	1.96	40-61	100
EH36064-	MXX	100	102	101,6	4.00	115,0	4.53	10,5	150	31	450	490	19.29	94,8	28	4,02	2.70	40-61	100

Eaton Hose

H0364 OTTER™ Water Suction & Discharge



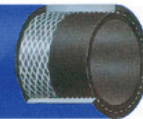
Construction: Tube: EPDM Reinforcement: High-tensile synthetic textile and steel helical wire Cover: EPDM	Operating Temperature: -40°C to +120°C (-40°F to +248°F)	Application: • Pumping, suction, and discharge of water, mud, and slurries • Diluted agricultural fertilizers	Markets: • Agriculture • Construction • Equipment rental • Mining	Type of Couplings: • Ship building • Oil and gas exploration • Tank truck • Cam and groove • Combination nipples
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# Part No.	Hose I.D.		Hose O.D.		Max Operating Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length				
					bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft			
H036432-	MXX	100	51	50,8	2.00	62,0	2.44	10,5	150	31,5	450	200	7.87	94,8	28	1,63	1.10	40-61	100

* Additional lengths available on select items

EHT301 Light Duty Discharge

EATON® LIGHT DUTY DISCHARGE EHT001



Construction: Tube: PVC lining Reinforcement: High-tensile synthetic textile	Cover: PVC	Operating Temperature: -5°C to +60°C (+23°F to +140°F)	Application: • Light duty discharge of water in agriculture and industry	Markets: • Agriculture • Industry	Type of Couplings: • Cam and groove • Combination nipples
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# Part No.	Hose I.D.		Max Operating Pressure		Burst Pressure		Weight		Length				
			bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft			
EHT301-32BU-	M100	300	51	50,8	2.00	4,0	60	12,0	175	0,28	0.19	50,100	300
EHT301-48BU-	M100	300	80	76,2	3.00	3,5	50	10,0	145	0,42	0.28	50,100	300

Eaton Hose

EHW029 OTTER™ Layflat Water Discharge


Construction:

Tube: EPDM
 Reinforcement: High-tensile synthetic textile
 Cover: EPDM

Operating Temperature:

-40°C to +120°C
 (-40°F to +248°F)

Application:

- For water discharge

Markets:

- Agriculture
- Construction
- Equipment rental
- Mining
- Ship building
- Oil and gas exploration
- Tank truck

Type of Couplings:

- Shank type male x female
- Cam and groove

#			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Weight		Length	
Part No.	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHW029-32-	—	100	51	50,8	2.00	57,0	2.24	10,5	150	31,5	450	0,73	0.49	—	100
EHW029-48-	—	100	80	76,2	3.00	83,0	3.27	10,5	150	31,5	450	1,15	0.77	—	100
EHW029-64-	—	100	102	101,6	4.00	109,0	4.29	10,5	150	31,5	450	1,67	1.12	—	100

H0363 PUMA™ Suction & Discharge


Construction:

Tube: Vinyl nitrile blend
 Reinforcement: 2- or 4-ply fiber with dual helical wires and anti-static copper wire
 Cover: Vinyl nitrile blend

Operating Temperature:

-40°C to +82°C
 (-40°F to +180°F)

Application:

- For suction and discharge of petroleum products

Markets:

- Tank truck
- Paper/pulp industry
- Oil and gas exploration
- Ship building
- Batch plants

Type of Couplings:

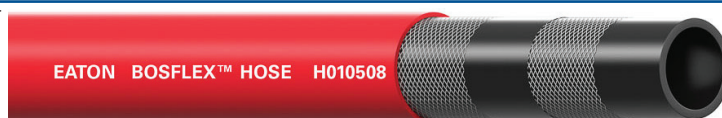
- Cam and groove
- Combination nipple
- Z Series Ends

#			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
H036316BK-	—	100	25	25,4	1.00	38,0	1.50	10,5	150	42	600	152	5.98	94,8	28	0,91	0.61	—	100
H036320BK-	—	100	31	31,8	1.25	45,0	1.77	10,5	150	42	600	190	7,48	94,8	28	1,09	0.73	—	100
H036324BK-	—	100	38	38,1	1.50	52,5	2.07	10,5	150	42	600	200	7.87	94,8	28	1,44	0.97	—	100
H036332BK-	—	100	51	50,8	2.00	65,0	2.56	10,5	150	42	600	255	10.04	94,8	28	2,01	1.35	—	100
H036348BK-	—	100	80	76,2	3.00	90,5	3.56	10,5	150	42	600	380	14.96	94,8	28	2,93	1.97	—	100
H036364BK-	—	100	102	101,6	4.00	116,3	4.58	10,5	150	42	600	510	20.08	94,8	28	3,78	2.54	—	100

**50 ft. lengths available on select items

Eaton Hose

H0105 BOSFLEX™ A/W



Construction:

Tube: EPDM

Reinforcement: 4-fiber spiral,
-20 & -24 2-fiber braid

Cover: EPDM

Operating Temperature:

-40°C to +82°C

(-40°F to +180°F)

Application:

- Air and water transfer
- Spraying and conveying water based liquid fertilizers and pesticides

Markets:

- Construction
- Mining
- Rental industry
- Oil and gas exploration
- In-plant air service

- Agriculture
- Assembly/manufacturers
- Paper/pulp
- Ship building

Type of Couplings:

- Eaton "U" Series
- Barbed inserts
- Quick disconnect
- Eaton quick disconnect

# Part No.	Hose I.D.		Hose O.D.		Max Operating Pressure		Burst Pressure		Weight		Length				
													DN	mm	in
H010504RD	—	600R	6	6,4	0.25	15,6	0.62	20,7	300	83,0	1200	0,16	0.14	—	600
H010506RD-	—	600R	10	9,5	0.38	18,0	0.71	20,7	300	83,0	1200	0,27	0.18	—	600
H010508RD-	—	600R	12	12,7	0.50	22,1	0.87	20,7	300	83,0	1200	0,34	0.23	—	600
H010512RD-*	—	600R	19	19,0	0.75	29,1	1.15	15,5	225	62,0	900	0,55	0.37	—	600
H010516RD-*	—	600R	25	25,4	1.00	34,7	1.37	13,8	200	55,0	800	0,89	0.60	—	600

*Product also available in BK-Black

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

# 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
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
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

* Additional lengths available on select items

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

Dixon Ends

Aluminum Cam and Groove

1.25"
1.50"
2.0"
2.5"
3.0"
4.0"



Type A Adapter
X Female NPT



Type B Coupler
X Male NPT



Type C Coupler
X Hose Shank



Type D Coupler
X Female NPT



Type E Adapter
X Hose Shank



Type F Adapter
X Male NPT



Type DC
Dust Cap



Type DP
Dust Plug

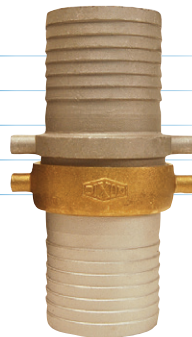
King Nipples

1/2"
3/4"
1.0"
1.25"
1.5"
2.0"
2.5"
3.0"
4.0"



King Crimp - Short Shank Suction Complete Coupling NPSM

1.5"
2.0"
2.5"
3.0"
4.0"



King Crimp Style Combination Nipple Threaded End

1.0"
1.5"
2.0"
2.5"
3.0"



Dixon Ends

Universal Preformed Band Clamp K Series

- 1.25"
- 1.5"
- 1.75"
- 2.0"
- 2.25"
- 2.5"
- 2.75"
- 3.0"
- 3.5"
- 4.0"
- 4.5"
- 5.0"
- 6.0"
- 7.0"
- 8.0"



Global Crimp Style Cam and Groove

- 1" *
- 2.0" *
- 3.0" *
- 4.0"

*Also in
Stainless
Steel



Type C Coupler X
Hose Shank



Type E Adapter X
Hose Shank

Sleeves and Ferrules for King Crimp Ends

- 1.25"
- 1.50"
- 2.0"
- 2.5"
- 3.0"
- 4.0"



King Crimp Style
Sleeve Carbon Steel



King Crimp Style
Ferrule 304 Stainless Steel

Hose Whip Checks Hose To Hose/ Hose To Tool

- .5" - 1.25"
- 1.5" - 3"

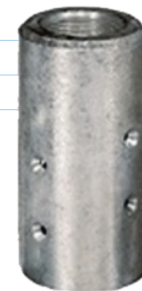


Sand Blast Couplings

- .5"
- 1"
- 1.25"



2 LUG Aluminum
Coupler



Aluminum Nozzle
Holder (NPS Treads)

For solutions, quotes or any other applications

Contact **Matt Tindira**
 Mobile: 314-368-8996
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 MTindira@jhfc.com

Industrial Hose & Hose Ends

Know Your Application Requirements (STAMPED)

S (SIZE) I.D., O.D. and length
T (TEMPERATURE) of material conveyed and environmental
A (APPLICATION) the conditions of use
M (MATERIAL) being conveyed, type and concentration
P (PRESSURE) to which the assembly will be exposed
E (ENDS) style, type, orientation, attachment methods, etc.
D (DELIVERY) testing, quality, packaging, and delivery requirements

Dixon Ends

3 Lug UNV Couplings

3/8"
 1.2"
 3/4"
 1"



Hose Barb



Male NPT



Female NPT

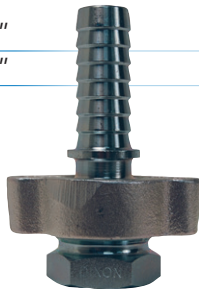
4 Lug UNV Couplings

1.25"
 1.5"
 2.0"



Boss Ground Joint Seal

1"
 2"



Boss Ground Joint
 Complete Female



Boss Ground Joint
 Female Spud



Boss Ground Joint
 Double Spud



Boss Ground Joint
 Male Spud



Boss Clamp
 4 Bolt Type

About John Henry Foster

John Henry Foster Company is a full-line fluid power distributor with territories covering parts of Missouri and Illinois and is the Midwest leader in fluid power sales. We have been serving our customers in Missouri and Illinois for over 60 years! Please visit www.jhfc.com to learn more about us.

ISO9001-2008 Registered



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