

Material Handling

Slurry & Abrasive Resistant

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Material Handling

Slurry & Abrasive Resistant

EHK015 Channeled Abrasion Suction & Discharge



Application: S & D abrasive powders, dust, granules, sand, gravel & cement
Tube: Natural rubber
Reinforcement: High-tensile synthetic textile with helical wire and anti-static copper wire
Cover: Channeled synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 31 bar / 450 psi

EHM001 Corrugated Dry Bulk Suction & Discharge



Application: S & D of dry bulk materials, sand, gravel & dry cement
Tube: Anti-static natural rubber
Reinforcement: High-tensile synthetic textile with steel helical wire and anti-static copper wire
Cover: Corrugated
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 10,5 bar / 150 psi

EHK014 Corrugated Abrasion Suction & Discharge



Application: S & D abrasive powders, dust, granules, sand, gravel & cement
Tube: Natural rubber
Reinforcement: High-tensile synthetic textile with helical wire and anti-static copper wire
Cover: Corrugated synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 10,5 bar / 150 psi

EHM002 Abrasive Material Suction & Discharge



Application: S & D of dry bulk materials, sand, gravel and dry cement
Tube: Static dissipating synthetic rubber
Reinforcement: High-tensile synthetic textile with steel helical wire and anti-static copper wire
Cover: Synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 8-10,5 bar / 116-150 psi

EHK013 Abrasion Suction & Discharge



Application: S & D abrasive powders, dust, granules, sand, gravel & cement
Tube: Natural rubber
Reinforcement: High-tensile synthetic textile with helical wire and anti-static copper wire
Cover: Pin-pricked synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 10,5 bar / 150 psi

EHM005 Hard Wall Material Handling S & D



Application: Suction and discharge of abrasive materials; barite bentonite
Tube: Static dissipating synthetic rubber
Reinforcement: High-tensile synthetic textile with helical wire and anti-static copper wire
Cover: Synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 10,5 bar / 150 psi

EHK012 Abrasion Discharge



Application: Discharge of abrasive powders, dust, granules, sand, gravel, and cement
Tube: Natural rubber
Reinforcement: High-tensile synthetic textile with anti-static copper wire
Cover: Pin-pricked synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 10,5 bar / 150 psi

EHM004 Soft Wall Material Handling Discharge



Application: Discharge of abrasive materials including barite bentonite
Tube: Static dissipating synthetic rubber
Reinforcement: High-tensile synthetic textile with anti-static copper wire
Cover: Synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 10,5-13,8 bar / 150-200 psi

EHK011 Abrasion Gravity Fed



Application: Discharge of abrasive materials without pressure
Tube: Natural rubber
Temp: -40°C to +70°C, (-40°F to +158°F)

Dry Material

EHK004 Channeled Dry Bulk Suction & Discharge



Application: S & D of dry bulk materials
Tube: Static dissipating synthetic rubber
Reinforcement: High-tensile synthetic textile with helical wire and anti-static copper wire
Cover: Channeled synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 10,5 bar / 150 psi

EHK003 Corrugated Dry Bulk Suction & Discharge



Application: S & D of dry bulk materials
Tube: Static dissipating synthetic rubber
Reinforcement: High-tensile synthetic textile with helical wire and anti-static copper wire
Cover: Corrugated synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 10,5 bar / 150 psi

EHK002 Dry Bulk Suction & Discharge



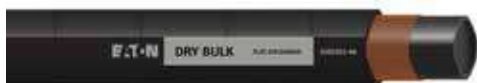
Application: S & D of dry bulk materials, sand, gravel, dry cement
Tube: Static dissipating synthetic rubber
Reinforcement: High-tensile synthetic textile with helical wire and anti-static copper wire
Cover: Synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 10,5 bar / 150 psi

EHK010 Dry Bulk Suction & Discharge

Application: S & D of dry bulk materials, sand, gravel, dry cement
Tube: Static dissipating synthetic rubber
Reinforcement: High-tensile synthetic textile with helical wire and anti-static copper wire
Cover: Pin-pricked synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 5 bar / 75 psi

EHK016 Dry Bulk Discharge

Application: S & D of dry bulk materials, sand, gravel, dry cement
Tube: Static dissipating synthetic rubber
Reinforcement: High-tensile synthetic textile with anti-static copper wire
Cover: Pin-pricked synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 10,5 bar / 150 psi

EHK001 Dry Bulk Flat Discharge

Application: Discharge of dry cement and abrasive materials
Tube: Static dissipating synthetic rubber
Reinforcement: High-tensile synthetic textile
Cover: Pin-pricked synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 5 bar / 75 psi

H0347 WILDCAT™ Dry Material

Application: Transfer of dry bulk, of bottle caps and of cleaning agents. Discharge of abrasive materials
Tube: Static dissipating natural rubber/SBR
Reinforcement: 2-ply fiber with dual helical wires
Cover: SBR
Temp: -23°C to +71°C, (-10°F to +160°F)
Pressure: 7 bar / 100 psi

H0521 WILDCAT™ Heavy Duty Dry Material

Application: Transfer of dry bulk, of bottle caps and of cleaning agents. Discharge of abrasive materials
Tube: 1/4" tube thickness natural rubber blend
Reinforcement: 2-ply textile and conductive copper static wire
Cover: SBR
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 5 bar / 75 psi

H0319 WILDCAT™ Soft Wall Dry Material

Application: Transfer of dry bulk, of bottle caps and of cleaning agents. Discharge of abrasive materials
Tube: 3/16" tube thickness natural rubber blend
Reinforcement: 2-ply textile and conductive copper static wire
Cover: NR blend
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 5 bar / 75 psi

H0349 WILDCAT™ Hot Air Transfer

Application: Hot air blower hose; hot, dry, non-oily applications
Tube: EPDM
Reinforcement: Textile with dual helical wires
Cover: Pin-pricked EPDM
Temp: -34°C to +177°C, (-30°F to +350°F)
Pressure: 7,0-10,5 bar / 100-150 psi

EHM003 Hot Air Blower

Application: Hot air blower hose; hot, dry, non-oily applications
Tube: EPM
Reinforcement: High-tensile synthetic textile
Cover: EPDM
Temp: -40°C to +180°C Intermittent to 200°C (-40°F to +356°F) Intermittent to 392°F
Pressure: 10,5 bar / 150 psi

Sandblast**H0034 WILDCAT™ Sandblast**

Application: Conveys sand or shot for cleaning purposes, sandblast equipment to clean steel or concrete before painting or sealing
Tube: Natural rubber
Reinforcement: 4-ply textile
Cover: SBR
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 7,0-10,5 bar / 100-150 psi

EHC502 Sandblast 2-ply – 60mm³

Application: Conveys sand or shot for cleaning purposes, sandblast equipment to clean steel or concrete before painting or sealing
Tube: Static dissipating synthetic rubber
Reinforcement: High-tensile synthetic textile with anti-static copper wire
Cover: Pin-pricked synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 12,1 bar / 175 psi

EHC501 Sandblast – 35mm³

Application: Conveys sand or shot for cleaning purposes, sandblast equipment to clean steel or concrete before painting or sealing
Tube: Static dissipating synthetic rubber
Reinforcement: High-tensile synthetic textile with anti-static copper wire
Cover: Pin-pricked synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 12,1 bar / 175 psi

EHC500 Sandblast – 60mm³

Application: Conveys sand or shot for cleaning purposes, sandblast equipment to clean steel or concrete before painting or sealing
Tube: Static dissipating synthetic rubber
Reinforcement: High-tensile synthetic textile with anti-static copper wire
Cover: Pin-pricked synthetic rubber
Temp: -40°C to +70°C, (-40°F to +158°F)
Pressure: 12,1 bar / 175 psi

Material Handling

Introduction and Safety Information



Slurry and Abrasive Resistant

- Where you are transferring abrasive slurries and dry materials, think longer life. Eaton offers a wide selection of industrial hoses that meet and exceed your job needs.

Flexibility

- Eaton offers channeled, corrugated and wrapped covers so you can decide how much flexibility your job requires.

Eaton Value

- Eaton stands behind our products with a commitment for excellence.

Material Handling Hose Safety Information

Important!

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

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

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

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

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

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

Material Handling

Slurry & Abrasive Resistant

 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.

EHK015

Channeled Abrasion Suction & Discharge



Construction:

Tube: Beige color, abrasion resistant natural rubber

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

Cover: Channeled, abrasion, ozone, and weather resistant synthetic rubber

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

Application:

- For suction and discharge of abrasive powders, dust, granules, sand, gravel and cement

Markets:

- Construction
- In-plant transfer
- Tank truck
- Dry cement delivery

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

#																			
Part No.			Hose I.D.			Hose O.D.		Max Oper Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHK015-16-	MXX	100	25	25,4	1.00	36,0	1.42	10,5	150	31	450	50	1.97	94,8	28	0,76	0.51	40-61	100
EHK015-20-	MXX	100	31	31,8	1.25	42,5	1.67	10,5	150	31	450	65	2.56	94,8	28	0,92	0.62	40-61	100
EHK015-24-	MXX	100	38	38,1	1.50	48,4	1.91	10,5	150	31	450	80	3.15	94,8	28	1,07	0.72	40-61	100
EHK015-32-	MXX	100	51	50,8	2.00	62,0	2.44	10,5	150	31	450	115	4.53	94,8	28	1,58	1.06	40-61	100
EHK015-40-	MXX	100	60	63,5	2.50	76,0	2.99	10,5	150	31	450	160	6.30	94,8	28	2,07	1.39	40-61	100
EHK015-48-	MXX	100	80	76,2	3.00	89,0	3.50	10,5	150	31	450	190	7.48	94,8	28	2,37	1.59	40-61	100
EHK015-56-	MXX	100	90	88,9	3.50	104,5	4.11	10,5	150	31	450	235	9.25	94,8	28	3,34	2.25	40-61	100
EHK015-64-	MXX	100	102	101,6	4.00	117,5	4.63	10,5	150	31	450	265	10.43	94,8	28	4,04	2.72	40-61	100
EHK015-80-	MXX	100	130	127,0	5.00	145,5	5.73	10,5	150	31	450	355	13.98	80,0	24	6,12	4.11	40-61	100
EHK015-96-	MXX	100	150	152,4	6.00	172,0	6.77	10,5	150	31	450	550	21.65	80,0	24	7,81	5.25	40-61	100

Material Handling

Slurry & Abrasive Resistant

Coupling and Gaskets for EHM001

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

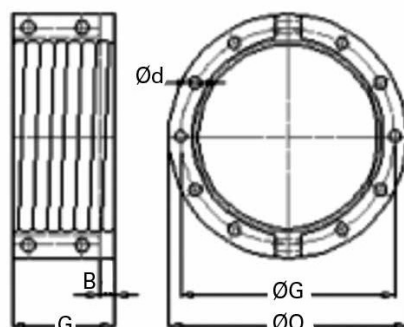
Use of damaged hose or improper use may result in bodily injury or property damage. Please consult Eaton catalog or Technical Support for proper application.

RDSA

EHM001 Couplings and Gaskets

Coupling dimensions according to PN 10-DIN 2576

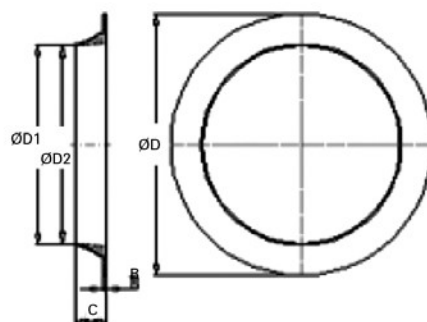
Material: Aluminum



# Part No.	Diameter		ØO	ØG	C	B	Ød	Drilling Number
	mm	in						
RDSA080001	80	3.15	208	160	101	20	18	4
RDSA100001	100	3.94	230	180	102	20	18	4
RDSA125001	125	4.92	250	210	112	24	10	8
RDSA150001	150	5.91	295	240	152	24	22	8
RDSA200001	200	7.87	352	295	171	26	22	8
RDSA250001	250	9.84	405	350	186	28	22	12
RDSA300001	300	11.81	445	400	190	28	22	12

CONTA

Gaskets for Frame Hose Couplings



# Part No.	Diameter		ØD	ØD1	ØD2	C	B
	mm	in					
CONTA08001	80	3.15	118	78	75,5	23,0	3,5
CONTA10001	100	4.00	138	98	95,5	23,0	3,5
CONTA12501	125	5.00	183	123	120,0	31,5	4
CONTA15001	150	6.00	208	148	145,0	31,5	4
CONTA20001	200	8.00	250	198	195,0	31,5	4
CONTA25001	250	10.00	311	248	245,0	37,0	4
CONTA30001	300	12.00	366	292,0	37,0	4	

Material Handling

Slurry & Abrasive Resistant

 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.

EHM001

Corrugated Dry Bulk Suction & Discharge



Construction:

Tube: Anti-static natural rubber

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

Cover: Corrugated, abrasion, ozone and weather resistant synthetic rubber

Application:

- For suction and discharge of dry bulk materials, sand, gravel and dry cement

Markets:

- Construction
- Cement placement

Type of Couplings:

- Frame coupling and gaskets

Contact coupling manufacturer for attachment procedure and other coupling recommendations

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

#																			
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
EHM001-50-	MXX	100	80	80,0	3.15	113,0	4.45	10,5	150	31	450	350	13.78	94,8	28	6,58	4.42	40-61	100
EHM001-64-	MXX	100	102	101,6	4.00	133,0	5.24	10,5	150	31	450	500	19.68	94,8	28	7,66	5.15	40-61	100
EHM001-80-	MXX	100	130	127,0	5.00	158,0	6.22	10,5	150	31	450	650	25.59	94,8	28	9,82	6.60	40-61	100
EHM001-96-	MXX	100	150	152,4	6.00	183,0	7.20	10,5	150	31	450	750	29.53	94,8	28	12,12	8.15	40-61	100
EHM001-128-	M20	20	200	203,2	8.00	234,0	9.21	10,5	150	31	450	1750	68.90	80,0	24	16,59	11.15	20	20
EHM001-160-	M12	20	250	254,0	10.00	286,0	11.26	10,5	150	31	450	2000	78.74	80,0	24	22,18	14.91	12	20
EHM001-192-	M12	20	305	304,8	12.00	341,0	13.43	10,5	150	31	450	2500	98.42	80,0	24	26,52	17.83	12	20

*Coupling sold separately

Material Handling

Slurry & Abrasive Resistant

 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.

EHK014

Corrugated Abrasion Suction & Discharge



Construction:

Tube: Beige color, abrasion resistant natural rubber

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

Cover: Corrugated, abrasion, ozone, and weather resistant synthetic rubber

Application:

- For suction and discharge of abrasive powders, dust, granules, sand, gravel and cement

Markets:

- Construction
- In-plant transfer
- Tank truck
- Dry cement delivery

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

#																			
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
EHK014-16-	MXX	100	25	25,4	1.00	37,5	1.48	10,5	150	31	450	75	2.95	94,8	28	0,80	0.54	40-61	100
EHK014-20-	MXX	100	31	31,8	1.25	44,0	1.73	10,5	150	31	450	95	3.74	94,8	28	0,92	0.62	40-61	100
EHK014-24-	MXX	100	38	38,1	1.50	51,0	2.01	10,5	150	31	450	110	4.33	94,8	28	1,23	0.83	40-61	100
EHK014-32-	MXX	100	51	50,8	2.00	64,5	2.54	10,5	150	31	450	150	5.91	94,8	28	1,70	1.14	40-61	100
EHK014-40-	MXX	100	60	63,5	2.50	77,5	3.05	10,5	150	31	450	190	7.48	94,8	28	2,28	1.53	40-61	100
EHK014-48-	MXX	100	80	76,2	3.00	90,5	3.56	10,5	150	31	450	225	8.86	94,8	28	2,96	1.99	40-61	100
EHK014-56-	MXX	100	90	88,9	3.50	106,0	4.17	10,5	150	31	450	270	10.63	94,8	28	3,72	2.50	40-61	100
EHK014-64-	MXX	100	102	101,6	4.00	119,0	4.69	10,5	150	31	450	325	12.80	94,8	28	4,50	3.02	40-61	100
EHK014-80-	MXX	100	130	127,0	5.00	147,0	5.79	10,5	150	31	450	450	17.72	94,8	28	6,56	4.41	40-61	100
EHK014-96-	MXX	100	150	152,4	6.00	173,0	6.81	10,5	150	31	450	550	21.65	94,8	28	8,64	5.81	40-61	100
EHK014-128-	MXX	20	200	203,2	8.00	227,0	8.94	10,5	150	31	450	900	35.43	80,0	24	13,67	9.19	20-40	20
EHK014-160-	MXX	20	250	254,0	10.00	279,0	10.98	10,5	150	31	450	1200	47.24	80,0	24	16,79	11.28	10	20

Material Handling

Slurry & Abrasive Resistant

 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.

EHM002

Abrasive Material Suction & Discharge



Construction:

Tube: Static dissipating synthetic rubber

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

Cover: Abrasion, ozone, and weather resistant synthetic rubber

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

Application:

- For suction and discharge of dry bulk materials, sand, gravel and dry cement

Markets:

- Construction
- Cement placement

Type of Couplings:

- Rubber beaded end with flange

Contact coupling manufacturer for attachment procedure and other coupling recommendations

#																			
Part No.			Hose I.D.			Hose O.D.		Max Oper Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHM002-48-	M61		80	76,2	3.00	103	4.06	10,5	150	31	450	305	12.00	94,8	28	5,18	3.48	61	
EHM002-64-	M61		102	101,6	4.00	131	5.16	10,5	150	31	450	550	21.65	94,8	28	7,23	4.86	61	
EHM002-80-	M61		130	127,0	5.00	156	6.14	10,5	150	31	450	650	25.59	80,0	24	9,18	6.17	61	
EHM002-96-	M61		150	152,4	6.00	180	7.09	10,5	150	31	450	900	35.43	80,0	24	10,55	7.09	61	
EHM002-128-	M20		200	203,2	8.00	233	9.17	10,5	150	31	450	1200	47.24	80,0	24	15,52	10.43	20	
EHM002-160-	M10		250	254,0	10.00	291	11.46	8,0	116	24	350	1600	62.99	80,0	24	23,50	15.80	10	
EHM002-192-	M10		305	304,8	12.00	333	13.11	8,0	116	24	350	2050	80.71	80,0	24	27,10	18.22	10	

*Coupling sold separately

Material Handling

Slurry & Abrasive Resistant

 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.

EHK013

Abrasion Suction & Discharge



Construction:

Tube: Beige color, abrasion resistant natural rubber

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

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

Application:

- For suction and discharge of abrasive powders, dust, granules, sand, gravel and cement

Markets:

- Construction
- In-plant transfer
- Tank truck
- Dry cement delivery

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

#																			
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
EHK013-16-	MXX	100	25	25,4	1.00	37,0	1.46	10,5	150	31	450	100	3.94	94,8	28	0,60	0.40	40-61	100
EHK013-20-	MXX	100	31	31,8	1.25	44,0	1.73	10,5	150	31	450	125	4.92	94,8	28	0,78	0.52	40-61	100
EHK013-24-	MXX	100	38	38,1	1.50	50,0	1.97	10,5	150	31	450	150	5.91	94,8	28	0,90	0.61	40-61	100
EHK013-32-	MXX	100	51	50,8	2.00	64,5	2.54	10,5	150	31	450	200	7.87	94,8	28	1,35	0.91	40-61	100
EHK013-40-	MXX	100	60	63,5	2.50	77,0	3.03	10,5	150	31	450	250	9.84	94,8	28	1,65	1.11	40-61	100
EHK013-48-	MXX	100	80	76,2	3.00	90,0	3.54	10,5	150	31	450	300	11.81	94,8	28	1,98	1.33	40-61	100
EHK013-56-	MXX	100	90	88,9	3.50	104,0	4.09	10,5	150	31	450	360	14.17	94,8	28	2,43	1.63	40-61	100
EHK013-64-	MXX	100	102	101,6	4.00	118,0	4.65	10,5	150	31	450	450	17.72	94,8	28	3,15	2.11	40-61	100
EHK013-80-	MXX	100	130	127,0	5.00	146,0	5.75	10,5	150	31	450	570	22.44	94,8	28	4,61	3,10	40-61	100
EHK013-96-	MXX	100	150	152,4	6.00	172,0	6.77	10,5	150	31	450	700	27.56	94,8	28	5,73	3.85	40-61	100
EHK013-128-	MXX	20	200	203,2	8.00	225,0	8.86	10,5	150	31	450	990	38.98	80,0	24	8,35	5.61	20-40	20
EHK013-160-	MXX	20	250	254,0	10.00	276,0	10.87	10,5	150	31	450	1440	56.69	80,0	24	10,94	7.35	10	20

Material Handling

Slurry & Abrasive Resistant

 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.

EHM005

Hard Wall Material Handling Suction & Discharge



Construction:

Tube: Static dissipating synthetic rubber

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

Cover: Weather and ozone resistant synthetic rubber

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

Application:

- For suction and discharge of abrasive materials including barite bentonite

Markets:

- Construction
- In-plant transfer
- Tank truck
- Bottling plant
- Coal plant
- Well service
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

#																			
Part No.			Hose I.D.			Hose O.D.		Max Oper Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHM005-64-	MXX	100	102	101,6	4.00	123	4.84	10,5	150	41	600	1020	40.16	80,0	24	5,37	3.61	40-61	100
EHM005-80-	MXX	100	130	127,0	5.00	149	5.87	10,5	150	41	600	1270	50.00	80,0	24	6,97	4.68	40-61	100
EHM005-96-	MXX	100	150	152,4	6.00	174	6.85	10,5	150	41	600	1520	59.84	80,0	24	8,71	5.85	40-61	100

Material Handling

Slurry & Abrasive Resistant

 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.

EHK012

Abrasion Discharge



Construction:

Tube: Beige color, abrasion resistant natural rubber

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

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

Application:

- For discharge of abrasive powders, dust, granules, sand, gravel, and cement

Markets:

- Construction
- In-plant transfer
- Tank truck
- Dry cement delivery

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

#															
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
EHK012-16-	MXX	100	25	25,4	1.00	37,0	1.46	10,5	150	31,0	450	0,60	0.40	40-61	100
EHK012-20-	MXX	100	31	31,8	1.25	44,0	1.73	10,5	150	31,0	450	0,78	0.52	40-61	100
EHK012-24-	MXX	100	38	38,1	1.50	50,0	1.97	10,5	150	31,0	450	0,90	0.61	40-61	100
EHK012-32-	MXX	100	51	50,8	2.00	64,5	2.54	10,5	150	31,0	450	1,35	0.91	40-61	100
EHK012-40-	MXX	100	60	63,5	2.50	77,0	3.03	10,5	150	31,0	450	1,65	1.11	40-61	100
EHK012-48-	MXX	100	80	76,2	3.00	90,0	3.54	10,5	150	31,0	450	1,98	1.33	40-61	100
EHK012-56-	MXX	100	90	88,9	3.50	104,0	4.09	10,5	150	31,0	450	2,43	1.63	40-61	100
EHK012-64-	MXX	100	102	101,6	4.00	118,0	4.65	10,5	150	31,0	450	3,15	2.11	40-61	100
EHK012-80-	MXX	100	130	127,0	5.00	146,0	5.75	10,5	150	31,0	450	4,61	3.10	40-61	100
EHK012-96-	MXX	100	150	152,4	6.00	172,0	6.77	10,5	150	31,0	450	5,73	3.85	40-61	100
EHK012-128-	MXX	20	200	203,2	8.00	225,0	8.86	10,5	150	31,0	450	8,35	5.61	20-40	20
EHK012-160-	MXX	20	250	254,0	10.00	276,0	10.87	10,5	150	31,0	450	10,94	7.35	10	20

Material Handling

Slurry & Abrasive Resistant

 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.

EHM004

Soft Wall Material Handling Discharge



Construction:

Tube: Static dissipating synthetic rubber

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

Cover: Weather and ozone resistant synthetic rubber

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

Application:

- For discharge of abrasive materials including barite bentonite

Markets:

- Construction
- In-plant transfer
- Tank truck
- Bottling plant
- Coal plant
- Well service
- Oil and gas exploration

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

#																	
Part No.			Hose I.D.			Hose O.D.		Max 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
EHM004-48-	MXX	100	80	76,2	3.00	97	3.82	13,8	200	55,0	800	760	29.92	3,24	2.18	40-61	100
EHM004-64-	MXX	100	102	101,6	4.00	123	4.84	10,5	150	41,0	600	1020	40.16	4,50	3.03	40-61	100
EHM004-80-	MXX	100	130	127,0	5.00	149	5.87	10,5	150	41,0	600	1270	50.00	5,82	3.91	40-61	100
EHM004-96-	MXX	100	150	152,4	6.00	174	6.85	10,5	150	41,0	600	1520	59.84	6,63	4.46	40-61	100

Material Handling

Slurry & Abrasive Resistant

 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.

EHK011

Abrasion Gravity Fed



Construction:

Tube: Natural rubber

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

Application:

- For discharge of abrasive materials without pressure

Markets:

- Construction
- Dry cement delivery

# Part No.			 Hose I.D.			 Hose O.D.		 Weight		 Length	
	mtr	ft	DN	mm	in	mm	in	kg/m	lbs/ft	mtr	ft
EHK011-16-	MXX	100	25	25,4	1.00	35,4	1.39	0,48	0.32	40-61	100
EHK011-22-	MXX	100		35,0	1.38	45,0	1.77	0,63	0.42	40-61	100
EHK011-28-	MXX	100		45,0	1.75	55,0	2.17	0,80	0.53	40-61	100
EHK011-32-	MXX	100	51	50,8	2.00	60,0	2.36	0,81	0.54	40-61	100
EHK011-48-	MXX	100	80	76,2	3.00	86,2	3.39	1,27	0.85	40-61	100
EHK011-56-	MXX	100	90	88,9	3.50	100,0	3.94	1,49	1.00	40-61	100
EHK011-64-	MXX	100	102	101,6	4.00	111,6	4.39	1,67	1.12	40-61	100
EHK011-72-	MXX	100		114,0	4.50	124,0	4.88	1,87	1.26	20-40	100
EHK011-80-	M20	100	130	127,0	5.00	137,0	5.39	2,06	1.39	20	100
EHK011-88-	M20	100		140,0	5.50	150,0	5.91	2,26	1.52	20	100
EHK011-96-	M20	100	150	152,4	6.00	162,4	6.39	2,46	1.65	20	100
EHK011-106-	M20	20		168,0	6.63	178,0	7.01	2,71	1.82	20	20
EHK011-128-	M20	20	200	203,2	8.00	213,0	8.39	3,25	2.18	20	20
EHK011-138-	M10	20		219,0	8.63	229,0	9.02	3,50	2.35	10	20
EHK011-160-	M10	20	250	254,0	10.00	264,0	10.39	4,05	2.72	10	20
EHK011-172-	M10	20		273,0	10.75	283,0	11.14	4,34	2.92	10	20
EHK011-192-	M10	20	305	304,8	12.00	316,0	12.44	4,86	3.26	10	20
EHK011-204-	M10	20		323,0	12.75	333,0	13.11	5,13	3.45	10	20
EHK011-224-	M6	20	350	356,0	14.00	366,0	14.41	5,64	3.79	6	20
EHK011-256-	M6	20		406,0	16.00	416,0	16.38	6,43	4.32	6	20
EHK011-284-	M2	6		450,0	17.75	460,0	18.11	7,11	4.78	2	6
EHK011-288-	M6	20		457,0	18.00	467,0	18.39	7,22	4.85	6	20
EHK011-320-	M6	20		508,0	20.00	518,0	20.39	8,02	5.39	6	20

Material Handling

Dry Material

EHK004

Channeled Dry Bulk Suction & Discharge



Construction:

Tube: Static dissipating synthetic rubber

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

Cover: Channeled, abrasion, ozone, and weather resistant synthetic rubber

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

Application:

- For suction and discharge of dry bulk materials, sand, gravel, dry cement

Markets:

- Construction
- Cement
- Swimming pool

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

# Part No.			 Hose I.D.			 Hose O.D.		 Max Oper Pressure		 Burst Pressure		 Minimum Bend Radius		 Vacuum		 Weight		 Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHK004-16-	MXX	100	25	25,4	1.00	36,0	1.42	10,5	150	31	450	80	3.15	94,8	28	0,77	0.52	40-61	100
EHK004-20-	MXX	100	31	31,8	1.25	42,5	1.67	10,5	150	31	450	100	3.94	94,8	28	0,94	0.63	40-61	100
EHK004-24-	MXX	100	38	38,1	1.50	48,4	1.91	10,5	150	31	450	120	4.72	94,8	28	1,09	0.73	40-61	100
EHK004-32-	MXX	100	51	50,8	2.00	62,0	2.44	10,5	150	31	450	160	6.30	94,8	28	1,61	1.08	40-61	100
EHK004-40-	MXX	100	60	63,5	2.50	76,0	2.99	10,5	150	31	450	200	7.87	94,8	28	2,14	1.44	40-61	100
EHK004-48-	MXX	100	80	76,2	3.00	89,0	3.50	10,5	150	31	450	250	9.84	94,8	28	2,45	1.65	40-61	100
EHK004-56-	MXX	100	90	88,9	3.50	104,5	4.11	10,5	150	31	450	300	11.81	94,8	28	3,43	2.31	40-61	100
EHK004-64-	MXX	100	102	101,6	4.00	117,5	4.63	10,5	150	31	450	350	13.78	94,8	28	4,14	2.78	40-61	100
EHK004-80-	MXX	100	130	127,0	5.00	145,5	5.73	10,5	150	31	450	450	17.72	80,0	24	6,31	4.24	40-61	100
EHK004-96-	MXX	100	150	152,4	6.00	172,0	6.77	10,5	150	31	450	560	22.05	80,0	24	8,04	5.40	40-61	100

*Abrasion loss value acc. DIN53516 ≤60mm³

Material Handling

Dry Material

EHK003

Corrugated Dry Bulk Suction & Discharge



Construction:

Tube: Static dissipating synthetic rubber

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

Cover: Corrugated, abrasion, ozone, and weather resistant synthetic rubber

Application:

- For suction and discharge of dry bulk materials, sand, gravel, dry cement

Markets:

- Construction
- Cement
- Swimming pool

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

#																			
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
EHK003-16-	MXX	100	25	25,4	1.00	37,5	1.48	10,5	150	31	450	85	3.35	94,8	28	0,79	0.53	40-61	100
EHK003-20-	MXX	100	31	31,8	1.25	44,0	1.73	10,5	150	31	450	115	4.53	94,8	28	0,95	0.64	40-61	100
EHK003-24-	MXX	100	38	38,1	1.50	51,0	2.00	10,5	150	31	450	135	5.31	94,8	28	1,27	0.86	40-61	100
EHK003-32-	MXX	100	51	50,8	2.00	64,5	2.54	10,5	150	31	450	180	7.09	94,8	28	1,75	1.18	40-61	100
EHK003-40-	MXX	100	60	63,5	2.50	77,5	3.05	10,5	150	31	450	230	9.06	94,8	28	2,35	1.58	40-61	100
EHK003-48-	MXX	100	80	76,2	3.00	90,5	3.56	10,5	150	31	450	280	11.02	94,8	28	3,04	2.04	40-61	100
EHK003-56-	MXX	100	90	88,9	3.50	106,0	4.17	10,5	150	31	450	340	13.39	94,8	28	3,82	2.57	40-61	100
EHK003-64-	MXX	100	102	101,6	4.00	119,0	4.69	10,5	150	31	450	400	15.75	94,8	28	4,61	3.10	40-61	100
EHK003-80-	MXX	100	130	127,0	5.00	147,0	5.79	10,5	150	31	450	500	19.68	94,8	28	6,75	4.54	40-61	100
EHK003-96-	MXX	100	150	152,4	6.00	173,0	6.81	10,5	150	31	450	630	24.90	94,8	28	8,86	5.96	40-61	100
EHK003-128-	M20	20	200	203,2	8.00	227,0	8.94	10,5	150	31	450	1000	39.37	80,0	24	13,22	8.89	20	20
EHK003-160-	M20	20	250	254,0	10.00	279,0	10.98	10,5	150	31	450	1300	51.18	80,0	24	17,15	11.53	20	20

*Abrasion loss value acc. DIN53516 ≤60mm³

Material Handling

Dry Material

EHK002

Dry Bulk Suction & Discharge



Construction:

Tube: Static dissipating synthetic rubber

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

Cover: Abrasion, ozone, and weather resistant synthetic rubber

Application:

- For suction and discharge of dry bulk materials, sand, gravel, dry cement

Markets:

- Construction
- Cement
- Swimming pool

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

#																			
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
EHK002-16-	MXX	100	25	25,4	1.00	39,0	1.54	10,5	150	31	450	125	4.92	94,8	28	0,88	0.59	40-61	100
EHK002-20-	MXX	100	31	31,8	1.25	45,0	1.77	10,5	150	31	450	160	6.30	94,8	28	1,05	0.71	40-61	100
EHK002-24-	MXX	100	38	38,1	1.50	52,0	2.05	10,5	150	31	450	190	7.48	94,8	28	1,40	0.94	40-61	100
EHK002-32-	MXX	100	51	50,8	2.00	66,0	2.60	10,5	150	31	450	250	9.84	94,8	28	1,98	1.33	40-61	100
EHK002-40-	MXX	100	60	63,5	2.50	78,5	3.09	10,5	150	31	450	315	12.40	94,8	28	2,31	1.55	40-61	100
EHK002-48-	MXX	100	80	76,2	3.00	92,0	3.62	10,5	150	31	450	380	14.96	94,8	28	3,11	2.09	40-61	100
EHK002-56-	MXX	100	90	88,9	3.50	107,0	4.21	10,5	150	31	450	450	17.72	94,8	28	3,76	2.53	40-61	100
EHK002-64-	MXX	100	102	101,6	4.00	120,0	4.72	10,5	150	31	450	550	21.65	94,8	28	4,55	3.06	40-61	100
EHK002-80-	MXX	100	130	127,0	5.00	149,0	5.87	10,5	150	31	450	700	27.56	94,8	28	6,70	4.50	40-61	100
EHK002-96-	MXX	100	150	152,4	6.00	174,5	6.87	10,5	150	31	450	850	33.46	94,8	28	8,81	5.92	40-61	100
EHK002-128-	M20	20	200	203,2	8.00	229,0	9.02	10,5	150	31	450	1200	47.24	80,0	24	13,69	9.20	20	20
EHK002-160-	M20	20	250	254,0	10.00	281,0	11.06	10,5	150	31	450	1600	62.99	80,0	24	17,16	11.54	20	20

*Abrasion loss value acc. DIN53516 ≤60mm³

Material Handling

Dry Material

EHK010

Dry Bulk Suction & Discharge



Construction:

Tube: Static dissipating synthetic rubber

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

Cover: Abrasion, ozone, and weather resistant synthetic rubber

Application:

- For suction and discharge of dry bulk materials, sand, gravel, dry cement

Markets:

- Construction
- Cement
- Swimming pool

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

#																			
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
EHK010-16-	MXX	100	25	25,4	1.00	37	1.46	5,0	75	15,5	225	130	5.12	94,8	28	0,73	0.49	40-61	100
EHK010-20-	MXX	100	31	31,8	1.25	43	1.69	5,0	75	15,5	225	165	6.50	94,8	28	0,87	0.58	40-61	100
EHK010-24-	MXX	100	38	38,1	1.50	50	1.97	5,0	75	15,5	225	200	7.87	94,8	28	1,21	0.81	40-61	100
EHK010-32-	MXX	100	51	50,8	2.00	64	2.52	5,0	75	15,5	225	270	10.63	94,8	28	1,73	1.16	40-61	100
EHK010-40-	MXX	100	60	63,5	2.50	77	3.03	5,0	75	15,5	225	325	12.80	94,8	28	2,11	1.42	40-61	100
EHK010-48-	MXX	100	80	76,2	3.00	91	3.58	5,0	75	15,5	225	400	15.75	94,8	28	2,92	1.96	40-61	100
EHK010-56-	MXX	100	90	88,9	3.50	105	4.13	5,0	75	15,5	225	470	18.50	94,8	28	3,54	2.38	40-61	100
EHK010-64-	MXX	100	102	101,6	4.00	118	4.65	5,0	75	15,5	225	570	22.44	94,8	28	4,00	2.69	40-61	100
EHK010-80-	MXX	100	130	127,0	5.00	146	5.75	5,0	75	15,5	225	720	28.35	94,8	28	6,01	4.04	40-61	100
EHK010-96-	MXX	100	150	152,4	6.00	172	6.77	5,0	75	15,5	225	870	34.25	94,8	28	7,98	5.36	40-61	100
EHK010-128-	M20	20	200	203,2	8.00	227	8.94	5,0	75	15,5	225	1220	48.03	80,0	24	12,68	8.52	20	20
EHK010-160-	M20	20	250	254,0	10.00	279	10.98	5,0	75	15,5	225	1630	64.17	80,0	24	15,76	10.59	20	20

*Abrasion loss value acc. DIN53516 ≤60mm³

Material Handling

Dry Material

EHK016

Dry Bulk Discharge



Construction:

Tube: Static dissipating synthetic rubber

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

Cover: Abrasion, ozone, and weather resistant synthetic rubber

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

Application:

- For suction and discharge of dry bulk materials, sand, gravel, dry cement

Markets:

- Construction
- Cement
- Swimming pool

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

#															
			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
EHK016-16-	MXX	100	25	25,4	1.00	37,0	1.46	10,5	150	31,0	450	0,62	0.42	40-61	100
EHK016-20-	MXX	100	31	31,8	1.25	44,0	1.73	10,5	150	31,0	450	0,82	0.55	40-61	100
EHK016-24-	MXX	100	38	38,1	1.50	50,0	1.97	10,5	150	31,0	450	0,95	0.64	40-61	100
EHK016-28-	MXX	100	45	44,5	1.75	58,0	2.28	10,5	150	31,0	450	1,27	0.85	40-61	100
EHK016-32-	MXX	100	51	50,8	2.00	64,5	2.54	10,5	150	31,0	450	1,42	0.95	40-61	100
EHK016-40-	MXX	100	60	63,5	2.50	77,0	3.03	10,5	150	31,0	450	1,73	1.16	40-61	100
EHK016-48-	MXX	100	80	76,2	3.00	90,0	3.54	10,5	150	31,0	450	2,09	1.41	40-61	100
EHK016-56-	MXX	100	90	88,9	3.50	104,0	4.09	10,5	150	31,0	450	2,56	1.72	40-61	100
EHK016-64-	MXX	100	102	101,6	4.00	118,0	4.65	10,5	150	31,0	450	3,25	2.18	40-61	100
EHK016-80-	MXX	100	130	127,0	5.00	146,0	5.75	10,5	150	31,0	450	4,84	3.25	40-61	100
EHK016-96-	MXX	100	150	152,4	6.00	172,0	6.77	10,5	150	31,0	450	6,00	4.03	40-61	100
EHK016-128-	MXX	20	200	203,2	8.00	225,0	8.86	10,5	150	31,0	450	8,71	5.86	20-40	20
EHK016-160-	M20	20	250	254,0	10.00	276,0	10.87	10,5	150	31,0	450	11,40	7.66	20	20

*Abrasion loss value acc. DIN53516 ≤60mm³

Material Handling

Dry Material

EHK001

Dry Bulk Flat Discharge



Construction:

Tube: Static dissipating synthetic rubber

Reinforcement: High-tensile synthetic textile

Cover: Abrasion, ozone, and weather resistant synthetic rubber

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

Application:

- For discharge of dry cement and abrasive materials

Markets:

- Construction
- Cement
- Swimming pool

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

#															
Part No.			Hose I.D.			Hose O.D.		Max Oper Pressure		Burst Pressure		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHK001-32-	MXX	100	51	50,8	2.00	60,4	2.38	5,0	75	15,5	225	0,96	0.65	40-61	100
EHK001-40-	MXX	100	60	63,5	2.50	73,0	2.87	5,0	75	15,5	225	1,18	0.79	40-61	100
EHK001-48-	MXX	100	80	76,2	3.00	86,0	3.39	5,0	75	15,5	225	1,39	0.93	40-61	100
EHK001-50-	MXX	100	80	79,4	3.13	90,0	3.54	5,0	75	15,5	225	1,52	1.02	40-61	100
EHK001-56-	MXX	100	90	88,9	3.50	100,0	3.94	5,0	75	15,5	225	1,77	1.19	40-61	100
EHK001-64-	MXX	100	102	101,6	4.00	112,0	4.41	5,0	75	15,5	225	2,03	1.36	40-61	100
EHK001-67-	MXX	100	110	109,5	4.31	120,0	4.72	5,0	75	15,5	225	2,10	1.41	40-61	100
EHK001-80-	MXX	100	130	127,0	5.00	137,0	5.39	5,0	75	15,5	225	2,41	1.62	40-61	100
EHK001-96-	MXX	100	150	152,4	6.00	164,0	6.46	5,0	75	15,5	225	3,41	2.29	40-61	100
EHK001-128-	MXX	20	200	203,2	8.00	215,0	8.46	5,0	75	15,5	225	4,66	3.13	20-40	20

*Abrasion loss value acc. DIN53516 ≤60mm³

Material Handling

Dry Material

 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.

H0347

WILDCAT™ Dry Material

formerly Sabertooth



Construction:

Tube: Static dissipating natural rubber/SBR

Reinforcement: 2-ply fiber with dual helical wires

Cover: SBR

Operating Temperature:

-23°C to +71°C
(-10°F to +160°F)

Application:

- Transfer of dry bulk
- Discharge of abrasive material
- Transfer of bottle caps
- Transfer of cleaning agents

Markets:

- In-plant transfers
- Tank truck
- Bottling plant
- Coal plant
- Dry cement operations
- Well service

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

# Part No.	Hose I.D.			Hose O.D.		Max 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
H034748-100	80	76,2	3.00	101,6	4.00	7,0	100	28,0	400	228,6	9.00	4.76	3.20	30,5	100
H034764-100	102	101,6	4.00	127,0	5.00	7,0	100	28,0	400	279,4	11.00	6,55	4.40	30,5	100

Material Handling

Dry Material

 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.

H0521

WILDCAT™ Heavy Duty Dry Material formerly LYNX



Construction:

Tube: 1/4" tube thickness
natural rubber blend

Reinforcement: 2-ply textile
and conductive copper
anti-static wire

Cover: SBR

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

Application:

- Transfer of dry bulk
- Discharge of abrasive material
- Transfer of bottle caps
- Transfer of cleaning agents

Markets:

- In-plant transfers
- Tank truck
- Bottling plant
- Coal plant
- Dry cement operations
- Well service

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

# Part No.	Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Weight		Length	
	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
H052164-100	102	101,6	4.00	122,2	4.81	5,0	75	20,7	300	4,03	2.71	30,5	100
H052180-100	130	127,0	5.00	147,0	5.79	5,0	75	20,7	300	5,02	3.37	30,5	100

Material Handling

Dry Material

 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.

H0319

WILDCAT™ Soft Wall Dry Material formerly LYNX



Construction:

Tube: 3/16" tube thickness
natural rubber blend

Reinforcement: 2-ply textile
and conductive copper
anti-static wire

Cover: NR blend

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

Application:

- Transfer of dry bulk
- Discharge of abrasive material
- Transfer of bottle caps
- Transfer of cleaning agents

Markets:

- In-plant transfers
- Tank truck
- Bottling plant
- Coal plant
- Dry cement operations
- Well service

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

# Part No.	Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Weight		Length	
	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
H031964-100	102	101,6	4.00	117	4.61	5,0	75	20,7	300	3,35	2.25	30,5	100
H031980-100	130	127,0	5.00	144	5.67	5,0	75	20,7	300	4,22	2.84	30,5	100

Material Handling

Dry Material

 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.

H0349

WILDCAT™ Hot Air Transfer



Construction:

Tube: EPDM

Reinforcement: Textile with dual helical wires

Cover: Pin-pricked EPDM

Operating Temperature:

-34°C to +177°C
(-30°F to +300°F)
Intermittent +350°F

Application:

- Hot air blower hose
- Hot, dry, non-oily applications

Markets:

- Construction
- In-plant transfers
- Tank truck
- Dry cement delivery

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

#																	
Part No.	Hose I.D.			Hose O.D.		Max 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
H034948-100	80	76,2	3.00	90,5	3.56	10,5	150	42	600	350	13.78	81,3	24	2,85	1.92	30,5	100
H034964-100	102	101,6	4.00	116,6	4.59	7,0	100	28	400	460	18.11	81,3	24	3,58	2.41	30,5	100

Material Handling

Dry Material

 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.

EHM003

Hot Air Blower



Construction:

Tube: EPM

Reinforcement: High-tensile synthetic textile

Cover: EPDM

Operating Temperature:

-40°C to +180°C
Intermittent to 200°C
(-40°F to +356°F)
Intermittent to 392°F

Application:

- Hot air blower hose
- Hot, dry, non-oily applications

Markets:

- Construction
- In-plant transfers
- Tank truck
- Dry cement delivery

Type of Couplings:

- Cam and groove
- Combination nipple

Contact coupling manufacturer for attachment procedure and other coupling recommendations

#															
Part No.			Hose I.D.			Hose O.D.		Max Operating Pressure		Burst Pressure		Weight		Length	
	mtr	ft	DN	mm	in	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHM003-16-	MXX	100	25	25,4	1.00	39	1.54	10,5	150	31,0	450	0,83	0.55	40-61	100
EHM003-20-	MXX	100	31	31,8	1.25	46	1.81	10,5	150	31,0	450	1,00	0.67	40-61	100
EHM003-24-	MXX	100	38	38,1	1.50	54	2.13	10,5	150	31,0	450	1,41	0.95	40-61	100
EHM003-32-	MXX	100	51	50,8	2.00	68	2.68	10,5	150	31,0	450	1,96	1.31	40-61	100
EHM003-40-	MXX	100	60	63,5	2.50	81	3.19	10,5	150	31,0	450	2,39	1.61	40-61	100
EHM003-48-	MXX	100	80	76,2	3.00	94	3.70	10,5	150	31,0	450	2,81	1.89	40-61	100
EHM003-64-	MXX	100	102	101,6	4.00	120	4.72	10,5	150	31,0	450	3,85	2.59	40-61	100

Material Handling

Sandblast

 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.

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

Contact coupling manufacturer for attachment procedure and other coupling recommendations

# 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
H003408-100	12	12,7	0.50	27,0	1.06	10,5	150	41	600	60	2.36	0,60	0.40	30,5	100
H003412-100	19	19,0	0.75	38,1	1.50	10,5	150	41	600	80	3.15	1,03	0.69	30,5	100
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
H003424-100	38	38,0	1.50	60,0	2.36	7,0	100	28	400	175	6.89	1.98	1.33	30,5	100
H003432-100	51	50,8	2.00	73,0	2.87	7,0	100	28	400	310	12,2	2.47	1.66	30,5	100

*Abrasion loss value acc. DIN53516 ≤60mm³

Material Handling

Sandblast

 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.

EHC502

Sandblast 2-ply – 60mm³

TS5928-EN ISO 3861



Construction:

Tube: Static dissipating synthetic rubber

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

Cover: Pin-pricked synthetic rubber

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

Contact coupling manufacturer for attachment procedure and other coupling recommendations

# 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
EHC502-08-	MXX	100	12	12,7	0.50	25,4	1.00	10,5	150	31,0	450	125	4.92	0,45	0.30	40-61	100
EHC502-08A-	MXX	100	12	12,7	0.50	26,9	1.06	10,5	150	31,0	450	125	4.92	0,53	0.36	40-61	100
EHC502-08B-	MXX	100	12	12,7	0.50	28,5	1.12	10,5	150	31,0	450	125	4.92	0,60	0.40	40-61	100
EHC502-12-	MXX	100	19	19,0	0.75	38,0	1.50	10,5	150	31,0	450	190	7.48	0,97	0.65	40-61	100
EHC502-16-	MXX	100	24	25,4	1.00	47,0	1.85	10,5	150	31,0	450	250	9.84	1,38	0.93	40-61	100
EHC502-20-	MXX	100	31	31,8	1.25	47,6	1.87	10,5	150	31,0	450	320	12.60	1,11	0.75	40-61	100
EHC502-20A-	MXX	100	31	31,8	1.25	54,7	2.15	10,5	150	31,0	450	320	12.60	1,79	1.20	40-61	100
EHC502-24-	MXX	100	38	38,1	1.50	60,0	2.36	10,5	150	31,0	450	380	14.96	1,96	1.32	40-61	100
EHC502-32-	MXX	100	51	50,8	2.00	73,0	2.87	10,5	150	31,0	450	500	19.68	2,50	1.68	40-61	100

*Abrasion loss value acc. DIN53516 ≤60mm³

Material Handling

Sandblast

 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.

EHC501

Sandblast – 35mm³

TS5928 - EN ISO 3861



Construction:

Tube: Static dissipating synthetic rubber

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

Cover: Pin-pricked synthetic rubber

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

Contact coupling manufacturer for attachment procedure and other coupling recommendations

#																	
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
EHC501-08-	MXX	100	12	12,7	0.50	25	0.98	12,1	175	36,0	525	125	4.92	0,41	0.27	40-61	100
EHC501-08A-	MXX	100	12	12,7	0.50	27	1.06	12,1	175	36,0	52'5	125	4.92	0,49	0.33	40-61	100
EHC501-10-	MXX	100	16	15,9	0.62	28	1.10	12,1	175	36,0	525	150	5.91	0,47	0.32	40-61	100
EHC501-10A-	MXX	100	16	15,9	0.62	30	1.18	12,1	175	36,0	525	150	5.91	0,57	0.38	40-61	100
EHC501-12-	MXX	100	19	19,0	0.75	30	1.18	12,1	175	36,0	525	190	7.48	0,48	0.32	40-61	100
EHC501-12A-	MXX	100	19	19,0	0.75	31	1.22	12,1	175	36,0	525	190	7.48	0,53	0.36	40-61	100
EHC501-12B-	MXX	100	19	19,0	0.75	33	1.30	12,1	175	36,0	525	190	7.48	0,65	0.44	40-61	100
EHC501-16-	MXX	100	24	25,4	1.00	39	1.54	12,1	175	36,0	525	250	9.84	0,81	0.55	40-61	100
EHC501-20-	MXX	100	31	31,8	1.25	48	1.89	12,1	175	36,0	525	320	12.60	1,16	0.78	40-61	100
EHC501-24-	MXX	100	38	38,1	1.50	54	2.13	12,1	175	36,0	525	380	14.96	1,33	0.89	40-61	100
EHC501-24A-	MXX	100	38	38,1	1.50	56	2.20	12,1	175	36,0	525	380	14.96	1,53	1.03	40-61	100
EHC501-28-	MXX	100	45	44,5	1.75	60	2.36	12,1	175	36,0	525	445	17.52	1,46	0.98	40-61	100
EHC501-28A-	MXX	10	45	44,5	1.75	63	2.48	12,1	175	36,0	525	445	17.52	1,81	1.22	40-61	100
EHC501-32-	MXX	100	51	50,8	2.00	69	2.72	12,1	175	36,0	525	500	19.68	2,02	1.36	40-61	100
EHC501-32A-	MXX	100	51	50,8	2.00	73	2.87	12,1	175	36,0	525	500	19.68	2,48	1.67	40-61	100
EHC501-40-	MXX	100	60	63,5	2.50	82	3.23	12,1	175	36,0	525	630	24.80	2,63	1.77	40-61	100
EHC501-48-	MXX	100	80	76,2	3.00	96	3.78	12,1	175	36,0	525	760	29.92	3,08	2.07	40-61	100
EHC501-64-	MXX	100	102	101,6	4.00	122	4.80	12,1	175	36,0	525	1000	39.37	4,21	2.83	40-61	100

*Abrasion loss value acc. DIN53516 ≤35mm³

Material Handling

Sandblast

 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.

EHC500

Sandblast – 60mm³

TS 5928 - EN ISO 3861



Construction:

Tube: Static dissipating synthetic rubber

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

Cover: Pin-pricked synthetic rubber

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

Contact coupling manufacturer for attachment procedure and other coupling recommendations

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

#	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
EHC500-08-	MXX	100	12	12,7	0.50	25	0.98	12,1	175	36,0	525	125	4.92	0,41	0.28	40-61	100
EHC500-08A-	MXX	100	12	12,7	0.50	27	1.06	12,1	175	36,0	525	125	4.92	0,50	0.33	40-61	100
EHC500-10-	MXX	100	16	15,9	0.62	28	1.10	12,1	175	36,0	525	150	5.91	0,48	0.32	40-61	100
EHC500-10A-	MXX	100	16	15,9	0.62	30	1.18	12,1	175	36,0	525	150	5.91	0,58	0.39	40-61	100
EHC500-12-	MXX	100	19	19,0	0.75	30	1.18	12,1	175	36,0	525	190	7.48	0,49	0.33	40-61	100
EHC500-12A-	MXX	100	19	19,0	0.75	31	1.22	12,1	175	36,0	525	190	7.48	0,53	0.36	40-61	100
EHC500-12B-	MXX	100	19	19,0	0.75	33	1.30	12,1	175	36,0	525	190	7.48	0,65	0.44	40-61	100
EHC500-16-	MXX	100	24	25,4	1.00	39	1.54	12,1	175	36,0	525	250	9.84	0,81	0.55	40-61	100
EHC500-20-	MXX	100	31	31,8	1.25	48	1.89	12,1	175	36,0	525	320	12.60	1,16	0.78	40-61	100
EHC500-24-	MXX	100	38	38,1	1.50	54	2.13	12,1	175	36,0	525	380	14.96	1,34	0.90	40-61	100
EHC500-24A-	MXX	100	38	38,1	1.50	56	2.20	12,1	175	36,0	525	380	14.96	1,53	1.03	40-61	100
EHC500-28-	MXX	100	45	44,5	1.75	60	2.36	12,1	175	36,0	525	445	17.52	1,47	0.99	40-61	100
EHC500-28A-	MXX	100	45	44,5	1.75	63	2.48	12,1	175	36,0	525	445	17.52	1,82	1.22	40-61	100
EHC500-32-	MXX	100	51	50,8	2.00	69	2.72	12,1	175	36,0	525	500	19.68	2,03	1.36	40-61	100
EHC500-32A-	MXX	100	51	50,8	2.00	73	2.87	12,1	175	36,0	525	500	19.68	2,48	1.67	40-61	100
EHC500-40-	MXX	100	60	63,5	2.50	82	3.23	12,1	175	36,0	525	630	24.80	2,63	1.77	40-61	100
EHC500-48-	MXX	100	80	76,2	3.00	96	3.78	12,1	175	36,0	525	760	29.92	3,09	2.08	40-61	100
EHC500-64-	MXX	100	102	101,6	4.00	122	4.80	12,1	175	36,0	525	1000	39.37	4,22	2.84	40-61	100

*Abrasion loss value acc. DIN53516 ≤60mm³

Eaton Industrial Reminder

Proper Hose Handling



Proper Hose Handling

Proper hose handling can help preserve hose assembly life and work environment safety. Therefore, consider the following points when handling hose assemblies.

- Avoid crushing or kinking the hose. This can cause severe damage to the reinforcement that isn't always obvious when looking at the cover.
- Do not drag the hose or lift a large bore hose from the middle of its length with the ends hanging down. Doing so can cause kinking, cover cuts, hose reinforcement damage, and coupling damage.
- Limit curvature of the hose to the minimum bend radius recommended by the manufacturer. Also avoid sharp bends at the end fittings and the manifold connections.
- Do not exceed pressure and temperature limits because this could damage the hose and ultimately result in serious bodily injury or property damage. Monitor pressure and temperature during hose use.
- Never allow chemicals, solvents, or any other hazardous materials to drip onto ground. Always comply with environmental laws.
- Never allow chemicals to drip on the exterior of a hose or allow hose to lay in a pool of chemicals. The hose cover may not have the chemical resistance of the tube. If a corrosive material comes into contact with the hose reinforcement, the result could be early hose failure.
- Avoid extreme flexing of the hose near the coupling. If necessary, use elbows in the piping system to assure a straight line connection with the hose.
- Protect hose from heat, flame, cutting and twisting. Use shields or clamps to do this.
- Support hose to avoid mechanical strain on couplings.
- Be aware that dropping or dragging the assembly, chemical incompatibility, exposure to temperature extremes, or extensive internal coupling abrasion can cause leaks and reduce coupling retention.