

SIMPLE SOLUTIONS

شركة الحلول البسيطة



Hoses

PROFILE



Simple Solutions for Industry is a leader in the manufacture and support of performance-critical rigid and flexible engineered solutions for transfer of fluids and gases in extreme environments. Simple Solutions engineers and manufactures high-quality hose and hose assemblies: offering a high standard of expertise since many years of engineering design and application knowledge.

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Hydraulic Hoses

Rubber Hoses

Single-Wire Braided Hoses

EC115 Hydraulic Hose



# Part number	Hose I.D.		Hose O.D. (max)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC115-04L	6.4	0.25	13.5	0.53	225	3,250	900	13,000	50	1.97	0.18	0.12
EC115-05L	7.9	0.31	14.5	0.57	215	3,125	860	12,500	55	2.17	0.20	0.13
EC115-06L	9.5	0.38	16.9	0.67	180	2,600	720	10,400	63	2.48	0.26	0.17
EC115-08L	12.7	0.50	20.4	0.80	160	2,300	640	9,200	90	3.54	0.34	0.23
EC115-10L	15.9	0.62	23.0	0.91	130	1,900	520	7,600	100	3.94	0.42	0.28
EC115-12L	19.0	0.75	26.7	1.05	105	1,525	420	6,100	120	4.72	0.50	0.34
EC115-16L	25.4	1.00	34.9	1.37	88	1,275	352	5,100	160	6.30	0.74	0.50
EC115-20L	31.8	1.25	42.4	1.67	63	925	252	3,700	210	8.27	0.99	0.67
EC115-24L	38.1	1.50	49.0	1.93	50	725	200	2,900	300	11.81	1.20	0.81
EC115-32L	50.8	2.00	62.0	2.44	40	580	160	2,320	400	15.75	1.50	1.01

Operating Temperature :

-40°C to +100°C (-40°F to +212°F)

EC110 Hydraulic Hose



# Part number	Hose I.D.		Hose O.D. (max)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC110-04L	6.4	0.25	14.1	0.56	225	3,250	900	13,000	100	3.94	0.22	0.15
EC110-05L	7.9	0.31	15.7	0.62	215	3,125	860	12,500	115	4.53	0.26	0.17
EC110-06L	9.5	0.38	18.1	0.71	180	2,600	720	10,400	130	5.12	0.33	0.22
EC110-08L	12.7	0.50	21.4	0.84	160	2,300	640	9,200	180	7.09	0.41	0.28
EC110-10L	15.9	0.62	24.5	0.96	130	1,900	520	7,600	200	7.87	0.47	0.32
EC110-12L	19.0	0.75	28.5	1.12	105	1,525	420	6,100	240	9.45	0.59	0.40
EC110-16L	25.4	1.00	36.6	1.44	88	1,275	352	5,100	300	11.81	0.87	0.58
EC110-20L	31.8	1.25	44.8	1.76	63	925	252	3,700	420	16.54	1.20	0.81
EC110-24L	38.1	1.50	52.1	2.05	50	725	200	2,900	500	19.69	1.40	0.94
EC110-32L	50.8	2.00	65.5	2.58	40	580	160	2,320	630	24.80	1.91	1.28
EC110-40L	63.5	2.50	78.0	3.07	40	580	200	2,900	762	30.00	2.52	1.69
EC110-48L	76.2	3.00	90.5	3.56	35	508	160	2,320	900	35.43	2.70	1.81

Operating Temperature :

-40°C to +100°C (-40°F to +212°F)

Inner Tube:

Synthetic rubber tube

Reinforcement:

One steel braid

Cover:

Synthetic rubber cover

Typical Application:

Hydraulic system service with petroleum and water based fluids, for general industrial service.

MSHA Approved

DNVGL Approved

Inner Tube:

Synthetic rubber tube

Reinforcement:

One steel braid

Cover:

Synthetic rubber cover

Typical Application:

Hydraulic system service with petroleum and water based fluids, for general industrial service.

MSHA Approved

DNVGL Approved

Double-Wire Braided Hoses

EC215 Hydraulic Hose



# Part number	Hose I.D.		Hose O.D. (max)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC215-04L	6.4	0.25	14.2	0.56	400	5,800	1,600	23,200	50	1.97	0.28	0.19
EC215-05L	7.9	0.31	16.0	0.63	350	5,100	1,400	20,400	55	2.17	0.33	0.22
EC215-06L	9.5	0.38	18.3	0.72	345	5,000	1,380	20,000	65	2.56	0.41	0.28
EC215-08L	12.7	0.50	21.5	0.85	275	4,000	1,100	16,000	90	3.54	0.57	0.38
EC215-10L	15.9	0.62	24.7	0.97	250	3,650	1,000	14,600	100	3.94	0.68	0.46
EC215-12L	19.0	0.75	28.6	1.13	215	3,125	860	12,500	120	4.72	0.81	0.54
EC215-16L	25.4	1.00	36.6	1.44	165	2,400	660	9,600	160	6.30	1.17	0.79
EC215-20L	31.8	1.25	45.1	1.78	125	1,800	500	7,200	250	9.84	1.56	1.05
EC215-24L	38.1	1.50	52.3	2.06	100	1,450	400	5,800	300	11.81	1.81	1.22
EC215-32L	50.8	2.00	64.2	2.53	90	1,300	360	5,200	400	15.75	2.36	1.59

Operating Temperature :

-40°C to +100°C (-40°F to +212°F)

Inner Tube:

Synthetic rubber tube

Reinforcement:

Two steel braids

Cover:

Synthetic rubber cover

Typical Application:

Hydraulic system service with petroleum and water based fluids, for general industrial service.

MSHA Approved

DNVGL Approved

EC210 Hydraulic Hose



# Part number	Hose I.D.		Hose O.D. (max)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC210-04L	6.4	0.25	15.7	0.62	400	5,800	1,600	23,200	100	3.94	0.38	0.26
EC210-05L	7.9	0.31	17.3	0.68	350	5,100	1,400	20,400	115	4.53	0.43	0.29
EC210-06L	9.5	0.38	19.7	0.78	330	4,800	1,320	19,200	130	5.12	0.54	0.36
EC210-08L	12.7	0.50	23.0	0.91	275	4,000	1,100	16,000	180	7.09	0.64	0.43
EC210-10L	15.9	0.62	26.2	1.03	250	3,650	1,000	14,600	200	7.87	0.75	0.50
EC210-12L	19.0	0.75	30.1	1.19	215	3,125	860	12,500	240	9.45	0.93	0.62
EC210-16L	25.4	1.00	38.9	1.53	165	2,400	660	9,600	300	11.81	1.29	0.87
EC210-20L	31.8	1.25	49.5	1.95	125	1,800	500	7,200	420	16.54	1.89	1.27
EC210-24L	38.1	1.50	55.9	2.20	90	1,300	360	5,200	500	19.69	2.10	1.41
EC210-32L	50.8	2.00	68.6	2.70	80	1,150	320	4,600	630	24.80	2.76	1.85
EC210-40L	63.5	2.50	81.0	3.19	69	1,000	300	4,350	760	29.92	3.80	2.55
EC210-48L	76.2	3.00	93.0	3.66	50	725	240	3,500	900	35.43	4.03	2.71

Operating Temperature :

-40°C to +100°C (-40°F to +212°F)

Inner Tube:

Synthetic rubber tube

Reinforcement:

Two steel braids

Cover:

Synthetic rubber cover

Typical Application:

Hydraulic system service with petroleum and water based fluids, for general industrial service.

MSHA Approved

DNVGL Approved

Spiral Hoses

EC426 Hydraulic Hose



# Part number	Hose I.D.			Hose O.D. (maximum)		Max operating pressure		Minimum burst pressure		Minimum bend radius		Weight	
	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft
EC426-6	10	9.5	0.37	20.9	0.82	445	6450	1780	25800	180	7.09	0.74	0.50
EC426-8	12	12.7	0.50	25.4	1.00	415	6000	1660	24000	230	9.06	0.88	0.59
EC426-10	16	15.9	0.62	29.0	1.14	350	5100	1400	20400	250	9.84	1.04	0.70
EC426-12	19	19.0	0.75	33.0	1.30	350	5100	1400	20400	300	11.81	1.47	0.99
EC426-16	25	25.4	1.00	40.9	1.61	280	4050	1120	16200	340	13.39	1.90	1.28
EC426-20	31	31.8	1.25	48.6	1.91	210	3050	840	12200	460	18.11	2.46	1.65

Inner Tube:
Synthetic rubber tube

Reinforcement:
Four wire spiral

Cover:
Synthetic rubber cover

Typical Application:
Hydraulic systems service with petroleum and water based fluids, for general use.

MSHA Approved

Operating Temperature :

-40°C to +100°C (-40°F to +212°F)

EC512 Hydraulic Hose



# Part number	Hose I.D.			Hose O.D. (maximum)		Max operating pressure		Minimum burst pressure		Minimum bend radius		Weight	
	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft
EC512-12	19	19	0.75	33.0	1.30	420	6100	1680	24400	280	11.02	1.47	0.99
EC512-16	25	25.4	1.00	39.9	1.57	380	5500	1520	22000	340	13.39	2.04	1.37
EC512-20	31	31.8	1.25	47.1	1.85	350	5100	1400	20400	460	18.11	2.39	1.61
EC512-24	38	38.1	1.05	55.1	2.17	290	4200	1160	16800	560	22.05	3.19	2.14
EC512-32	51	50.8	2.00	69.7	2.74	250	3650	1000	14600	700	27.56	4.37	2.94

Inner Tube:
Synthetic rubber tube

Reinforcement:
Four wire spiral

Cover:
Synthetic rubber cover

Typical Application:
Hydraulic systems service with petroleum and water based fluids, for general use.

MSHA Approved

Operating Temperature :

-40°C to +100°C (-40°F to +212°F)

EC420 Hydraulic Hose



Inner Tube:

Synthetic rubber tube

Reinforcement:

Four & six wire spiral reinforcement

Cover:

Synthetic rubber cover

Typical Application:

Suitable for use in hydraulic systems with high peak pressures and arduous operating conditions.

MSHA Approved

# Part number	Hose I.D.		Hose O.D. (maximum)		Max operating pressure		Minimum burst Pressure		Minimum bend radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft
EC420-12	19.0	0.75	33.2	1.31	350	5,100	1,400	20,400	240	9.45	1.54	1.03
EC420-16	25.4	1.00	39.9	1.57	350	5,100	1,400	20,400	300	11.81	2.01	1.35
EC420-20	31.8	1.25	51.3	2.02	350	5,100	1,400	20,400	420	16.54	3.78	2.54
EC420-24	38.1	1.50	58.8	2.31	350	5,100	1,400	20,400	500	19.69	4.73	3.18
EC420-32	50.8	2.00	72.7	2.86	350	5,100	1,400	20,400	630	24.80	7.26	4.88

Operating Temperature :

For -12, -20, -24, & -32: -40°C to +121°C (-40°F to +250°F)

For -16: -40°C to +100°C (-40°F to +212°F)

EC615 Hydraulic Hose



Inner Tube:

Synthetic rubber tube

Reinforcement:

Four & six wire spiral reinforcement

Cover:

Synthetic rubber cover

Typical Application:

Suitable for use in hydraulic and oil systems.

MSHA Approved

# Part number	Hose I.D.		Hose O.D. (maximum)		Max operating pressure		Minimum burst pressure		Minimum bend radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft
EC615-16	25.4	1.00	39.9	1.57	420	6,100	1,680	24,400	330	12.99	2.00	1.35
EC615-20	31.8	1.25	51.3	2.02	420	6,100	1,680	24,400	445	17.52	3.77	2.53
EC615-24	38.1	1.50	58.8	2.31	420	6,100	1,680	24,400	530	20.87	5.17	3.47
EC615-32	50.8	2.00	72.8	2.87	420	6,100	1,680	24,400	600	23.62	7.26	4.88

Operating Temperature :

-40°C to +100°C (-40°F to +212°F)

Thermoplastic Hoses

Single and Twin -Line Thermoplastic Hoses

3TR7



3TR7N Non-conductive



92.2 ANSI (-4 thru -10)

# Part number	 Hose I.D.		 Hose O.D. (nominal)		 Working Pressure				 Minimum burst pressure		 Minimum bend radius		 Weight	
	mm	in	mm	in	SAE		ANSI							
					bar	psi	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
3TR7-04 3TR7N-04	6,4	0.25	12,5	0.49	192	2800	207	3000	759	11000	31,8	1.25	0,09	0.06
3TR7-05 3TR7N-05	7,9	0.31	14,6	0.57	175	2550	207	3000	690	10000	38,1	1.50	0,13	0.08
3TR7-06 3TR7N-06	9,5	0.38	16,5	0.65	157	2300	207	3000	621	9000	50,8	2.00	0,15	0.10
3TR7-08 3TR7N-08	12,7	0.50	20,8	0.82	140	2050	207	3000	621	9000	69,9	2.75	0,21	0.14
3TR7-10 3TR7N-10	16,0	0.63	23,6	0.93	105	1525	140	2050	421	6100	101,6	4.00	0,24	0.16
3TR7-12 3TR7N-12	19,0	0.75	26,4	1.04	87	1250	86	-	348	5000	108,0	4.25	0,26	0.17
3TR7-16 3TR7N-16	25,4	1.00	33,7	1.33	70	1000	69	-	280	4000	190,5	7.50	0,40	0.27

Inner Tube:

Nylon

Reinforcement:

1-textile braid

Cover:

Nonstick polyurethane

Typical Application:

- Agriculture
- Horticulture
- Chemical transfer
- Foam systems
- Food processing
- Forestry delimber
- General construction
- General hydraulic systems
- Lubrication systems
- Marine steering
- Utility vehicles and pickers
- Rescue apparatus & tools
- Water jetter drain/sewer

Operating Temperature:

For oil-based fluids: -40°C to +100°C (-40°F to +212°F)

For water-based fluids: -40°C to +66°C (-40°F to +150°F)

3TR8CT



# Part number	Hose I.D.		Hose O.D. (nominal)		Working pressure		Minimum burst pressure		Minimum bend radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft
3TR8-04 3TR8N-04	6,4	0.25	15,0	0.59	350	5100	1400	20400	38,1	1.50	0,16	0.11
3TR8-06 3TR8N-06	9,5	0.38	19,0	0.75	280	4500	1120	16200	57,2	2.25	0,23	0.15
3TR8-08 3TR8N-08	12,7	0.50	22,8	0.90	245	3550	980	14200	76,2	3.00	0,29	0.20
3TR8-12 3TR8N-12	19,0	0.75	28,8	1.13	157	2300	628	9200	114,3	4.50	0,38	0.25
3TR8-16 3TR8N-16	25,4	1.00	36,2	1.43	140	2050	560	8200	196,9	7.75	0,57	0.38

Operating Temperature:

For oil-based fluids: -40°C to +100°C (-40°F to +212°F)

For water-based fluids: -40°C to +66°C (-40°F to +150°F)

Inner Tube:

Nylon

Reinforcement:

2-textile braid

Cover:

Nonstick polyurethane

Typical Application:

- Air tools
- Cooling/misting/dust suppression
- Forestry delimeter
- General construction
- General hydraulic
- High pressure chemical transfer
- Marine steering
- Mobile machinery
- Utility vehicles
- Recreational vehicles
- Rescue tools & equipment

3TR7 Twin-Line



3TR7N Twin-Line Non-conductive



92.2 ANSI (-4 thru -10)

# Part number	Number of hoses	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Minimum burst pressure		Minimum bend radius		Weight	
		Mm	in	Mm	in	SAE Bar psi	ANSI bar psi	Bar psi		Mm in		kg/m	lbs/ft
3TR7-04 3TR7N-04	2	6,4	0.25	12,5	0.49	192 2800	207 3000	759 11000		31,8 1.25		0,09	0.06
3TR7-05 3TR7N-05	2	7,9	0.31	14,6	0.57	175 2550	207 3000	690 10000		38,1 1.50		0,13	0.08
3TR7-06 3TR7N-06	2	9,5	0.38	16,5	0.65	157 2300	207 3000	621 9000		50,8 2.00		0,15	0.10
3TR7-08 3TR7N-08	2	12,7	0.50	20,8	0.82	140 2050	207 3000	621 9000		69,9 2.75		0,21	0.14

3TR18CT Twin-Line



# Part number	Hose Series	Number of hose	Hose I.D.		Hose O.D. (nominal)		Working pressure		Minimum burst pressure		Minimum bend radius		Weight	
			mm	in	mm	in	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft
3TR18CT-04-2-250BX	3TR18	2	6,4	0.25	12,2	0.48	210	3050	840	12200	31,8	1.25	0,09	0.06
3TR18CT-05-2-250BX	3TR18	2	9,5	0.31	14,8	0.58	210	3050	840	12200	38,1	1.50	0,15	0.10
3TR18CT-06-2-250BX	3TR18	2	12,7	0.38	16,8	0.66	210	3050	840	12200	50,8	2.00	0,16	0.11
3TR18CT-08-2-250BX	3TR18	2	19,0	0.50	21,6	0.85	210	3050	840	12200	69,9	2.75	0,25	0.17

Industrial Hoses

Air and Multipurpose

Medium Pressure

EHA502

Heavy Duty Air



# 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
EHA502-08YW-	MXX	100	12	12,7	0.50	23,0	0.91	28,0	400	83,0	1200	0,38	0.26	40-61	100
EHA502-10YW-	MXX	100	16	15,9	0.62	26,0	1.02	28,0	400	83,0	1200	0,45	0.30	40-61	100
EHA502-12YW-	MXX	100	19	19,0	0.75	30,0	1.18	28,0	400	83,0	1200	0,57	0.38	40-61	100
EHA502-16YW-	MXX	100	25	25,4	1.00	37,0	1.46	28,0	400	83,0	1200	0,72	0.48	40-61	100
EHA502-20YW-	MXX	100	31	31,8	1.25	44,0	1.73	28,0	400	83,0	1200	0,95	0.64	40-61	100
EHA502-24YW-	MXX	100	38	38,1	1.50	51,0	2.01	28,0	400	83,0	1200	1,21	0.81	40-61	100
EHA502-28YW-	MXX	100	45	44,5	1.75	60,0	2.36	28,0	400	83,0	1200	1,66	1.12	40-61	100
EHA502-32YW-	MXX	100	51	50,8	2.00	66,0	2.60	28,0	400	83,0	1200	1,83	1.23	40-61	100
EHA502-40YW-	MXX	100	60	63,5	2.50	80,0	3.15	28,0	400	83,0	1200	2,51	1.68	40-61	100
EHA502-48YW-	MXX	100	80	76,2	3.00	92,0	3.62	28,0	400	83,0	1200	2,79	1.87	40-61	100
EHA502-64YW-	MXX	100	102	101,6	4.00	118,0	4.65	28,0	400	83,0	1200	3,53	2.37	40-61	100

Construction:

Tube: Oil-mist resistant synthetic rubber

Reinforcement: High-tensile synthetic textile

Cover: Abrasion, ozone, and weather resistant synthetic rubber

Application:

Heavy-duty air service

Marketing:

- Construction
- Mining
- Oil and gas exploration
- Drilling equipment
- Rental industry
- Steel
- Quarries

Operating Temperature:

-25°C to +70°C

(-13°F to +158°F)

EHA501

Medium Duty Air



# 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
EHA501-08YW-	MXX	100	12	12,7	0.50	22,0	0.87	20,7	300	62,0	900	0,33	0.22	40-61	100
EHA501-10YW-	MXX	100	16	15,9	0.62	25,0	0.98	20,7	300	62,0	900	0,37	0.25	40-61	100
EHA501-12YW-	MXX	100	19	19,0	0.75	29,0	1.14	20,7	300	62,0	900	0,50	0.33	40-61	100
EHA501-16YW-	MXX	100	25	25,4	1.00	36,0	1.42	20,7	300	62,0	900	0,67	0.45	40-61	100
EHA501-20YW-	MXX	100	31	31,8	1.25	44,0	1.73	20,7	300	62,0	900	0,96	0.64	40-61	100
EHA501-24YW-	MXX	100	38	38,1	1.50	51,0	2.01	20,7	300	62,0	900	1,18	0.79	40-61	100
EHA501-28YW-	MXX	100	45	44,5	1.75	60,0	2.36	20,7	300	62,0	900	1,63	1.10	40-61	100
EHA501-32YW-	MXX	100	51	50,8	2.00	65,0	2.56	20,7	300	62,0	900	1,66	1.11	40-61	100
EHA501-40YW-	MXX	100	60	63,5	2.50	80,0	3.15	20,7	300	62,0	900	2,45	1.65	40-61	100
EHA501-48YW-	MXX	100	80	76,2	3.00	92,0	3.62	20,7	300	62,0	900	2,65	1.78	40-61	100
EHA501-64YW-	MXX	100	102	101,6	4.00	118,0	4.65	20,7	300	62,0	900	3,81	2.56	40-61	100

Construction:

Tube: Oil-mist resistant synthetic rubber

Reinforcement: High-tensile synthetic textile

Cover: Abrasion, ozone, and weather resistant synthetic rubber

Application:

Medium duty air service

Marketing:

- Construction
- Mining
- Oil and gas exploration
- Drilling equipment
- Rental industry
- Steel
- Quarries

Operating Temperature:

-25°C to +70°C
(-13°F to +158°F)

EHA506

Anti-static Medium Duty Air



# 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
EHA506-04BK-	M100	300	6	6,4	0.25	12	0.47	20,7	300	62,0	900	0,13	0.09	100	300
EHA506-05BK-	M100	300	8	7,9	0.31	15	0.59	20,7	300	62,0	900	0,19	0.13	100	300
EHA506-06BK-	M100	300	10	9,5	0.38	17	0.67	20,7	300	62,0	900	0,22	0.15	100	300
EHA506-08BK-	M100	300	12	12,7	0.50	21	0.83	20,7	300	62,0	900	0,31	0.21	100	300
EHA506-10BK-	M100	300	16	15,9	0.62	25	0.98	20,7	300	62,0	900	0,42	0.28	100	300
EHA506-12BK-	M100	300	19	19,0	0.75	29	1.14	20,7	300	62,0	900	0,53	0.36	100	300
EHA506-16BK-	M100	300	25	25,4	1.00	36	1.42	20,7	300	62,0	900	0,75	0.50	100	300

Construction:

Tube: Anti-static synthetic rubber

Reinforcement: High-tensile synthetic textile

Cover: Abrasion, ozone, and weather resistant synthetic rubber

Application:

- Light duty air service
- Pneumatic tools

Marketing:

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

Operating Temperature:

-25°C to +70°C
(-13°F to +158°F)

EHA505

Medium Duty Air



# 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
EHA506-04BK-	M100	300	6	6,4	0.25	13	0.51	20,7	300	62,0	900	0,16	0.11	100	300
EHA506-05BK-	M100	300	8	7,9	0.31	15	0.59	20,7	300	62,0	900	0,20	0.13	100	300
EHA506-06BK-	M100	300	10	9,5	0.38	18	0.71	20,7	300	62,0	900	0,27	0.18	100	300
EHA506-08BK-	M100	300	12	12,7	0.50	22	0.87	20,7	300	62,0	900	0,40	0.27	100	300
EHA506-10BK-	M100	300	16	15,9	0.62	25	0.98	20,7	300	62,0	900	0,45	0.30	100	300
EHA506-12BK-	M100	300	19	19,0	0.75	29	1.14	20,7	300	62,0	900	0,59	0.40	100	300
EHA506-16BK-	M100	300	25	25,4	1.00	37	1.46	20,7	300	62,0	900	1,89	1.27	100	300

Construction:

Tube: Oil-mist resistant synthetic rubber

Reinforcement: High-tensile synthetic textile

Cover: Abrasion, ozone, and weather resistant synthetic rubber

Application:

- Light duty air service
- Pneumatic tools

Marketing:

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

Operating Temperature:

-25°C to +70°C
(-13°F to +158°F)

Dry Bulk and Cement Hoses

Dry Bulk

EHK003

Corrugated Dry Bulk Suction & Discharge



# 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
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	13,2 2	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	17,1 5	11.53	20	20

Construction:

Tube: Abrasion resistant synthetic rubber

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

Cover: Corrugated, abrasion, ozone, and weatherresistant synthetic rubber

Application:

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

Marketing:

- Construction
- Cement
- Swimming pool

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

EHK016

Dry Bulk Discharge



# 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
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

Construction:

Tube: Abrasion resistant synthetic rubber

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

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

Application:

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

Marketing:

- Construction
- Cement
- Swimming pool

Operating Temperature:

-40°C to +70°C
(-40°F to +158°F)

Steam Hoses

EH084

STEAM SLAYER



 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
EH08408	12	12,7	0.50	27,7	1.09	17,2	250	172	2500	0,73	0.49	15,2	50
EH08412	19	19,0	0.75	33,5	1.32	17,2	250	172	2500	0,94	0.63	15,2	50
EH08416	25	25,4	1.00	40,4	1.59	17,2	250	172	2500	1,28	0.86	15,2	50

Construction:

Tube: Special chlorobutyl blend

Reinforcement:

2-wire braid

Cover: Pin-pricked EPDM

Application:

Transfer of steam for processing products and cleaning equipment

Marketing:

- Refining and petrochemical
- Paper industry
- Industrial cleaning markets
- Oil and gas exploration
- Steel
- Ship building

Operating Temperature:

-40°C to +208°C (-40°F to +407°F)

For superheated steam

+232°C (+450°F)

EHS007

Steel Wire Reinforced Steam



 Part No.			 Hose I.D.			 Hose O.D.		 Max Oper 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
EHS007-08-	MXX	50	12	12,7	0.50	25	0.98	18,0	261	180	2610	130	5.12	0,56	0.38	40,61	50
EHS007-10-	MXX	50	16	15,9	0.62	30	1.18	18,0	261	180	2610	160	6.30	0,78	0.52	40,61	50
EHS007-12-	MXX	50	19	19,0	0.75	33	1.30	18,0	261	180	2610	190	7.48	0,82	0.55	40,61	50
EHS007-16-	MXX	50	25	25,4	1.00	40	1.57	18,0	261	180	2610	250	9.84	1,07	0.72	40,61	50
EHS007-20-	MXX	50	31	31,8	1.25	48	1.89	18,0	261	180	2610	320	12.60	1,49	1.00	40,61	50
EHS007-24-	MXX	50	38	38,1	1.50	54	2.13	18,0	261	180	2610	380	14.96	1,87	1.26	40,61	50
EHS007-32-	MXX	50	51	50,8	2.00	69	2.72	18,0	261	180	2610	500	19.68	2,70	1.82	40,61	50
EHS007-40-	MXX	50	60	63,5	2.50	81	3.19	18,0	261	180	2610	630	24.80	3,21	2.16	40,61	50
EHS007-48-	MXX	50	80	76,2	3.00	94	3.70	18,0	261	180	2610	750	29.53	4,18	2.81	40,61	50
EHS007-64-	MXX	50	102	101,6	4.00	122	4.80	18,0	261	180	2610	1000	39.37	6,43	4.32	40,61	50

Construction:

Tube: EPM

Reinforcement: High-tensile steel wire cords

Cover: Pin-pricked, oil-resistant synthetic rubber

Application:

Transfer of steam for processing products and cleaning equipment

Marketing:

- Refining and petrochemical
- Paper industry
- Industrial cleaning markets
- Oil and gas exploration
- Steel
- Ship building

Operating Temperature:

-40°C to +208°C
(-40°F to +407°F)

Petroleum Hoses

Suction & Discharge

EHP500

Petroleum/Oil Suction & Discharge



#			Hose I.D.			Hose O.D.		Max Oper 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
EHP500-12BK-	MXX	200	19	19,1	0.75	30,0	1.18	10,5	150	31	450	95	3.75	94,8	28	0,59	0.40	40-61	200
EHP500-16BK-	MXX	200	25	25,4	1.00	36,0	1.44	10,5	150	31	450	110	4.33	94,8	28	0,71	0.48	40-61	200
EHP500-20BK-	MXX	200	31	31,8	1.25	43,0	1.69	10,5	150	31	450	140	5.51	94,8	28	0,91	0.61	40-61	200
EHP500-24BK-	MXX	200	38	38,1	1.50	49,0	1.93	10,5	150	31	450	170	6.69	94,8	28	1,17	0.79	40-61	200
EHP500-28BK-	MXX	200	45	44,5	1.78	56,0	2.20	10,5	150	31	450	210	8.27	94,8	28	1,36	0.91	40-61	200
EHP500-32BK-	MXX	200	51	50,8	2.00	63,0	2.48	10,5	150	31	450	250	9.84	94,8	28	1,65	1.11	40-61	200
EHP500-40BK-	MXX	200	60	63,5	2.50	77,0	3.03	10,5	150	31	450	310	12.20	94,8	28	2,13	1.43	40-61	200
EHP500-48BK-	MXX	200	80	76,2	3.00	89,0	3.50	10,5	150	31	450	380	14.96	94,8	28	2,81	1.89	40-61	200
EHP500-56BK-	MXX	200	90	88,9	3.50	105,0	4.13	10,5	150	31	450	450	17.72	94,8	28	3,61	2.43	40-61	200
EHP500-64BK-	MXX	200	102	101,6	4.00	117,0	4.61	10,5	150	31	450	510	20.08	94,8	28	4,06	2.73	40-61	200
EHP500-80BK-	MXX	100	130	127,0	5.00	145,0	5.70	10,5	150	31	450	650	25.59	94,8	28	6,21	4.17	40-61	200
EHP500-96BK-	MXX	100	150	152,4	6.00	170,0	6.69	10,5	150	31	450	750	29.53	94,8	28	7,87	5.29	40-61	200
EHP500-128BK-	MXX	100	200	203,2	8.00	228,0	8.98	10,5	150	31	450	750	29.53	80,0	24	14,42	9.69	40-61	100

Construction:

Tube: NBR blend

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

Cover: NBR blend

Operating Temperature:

-35°C to +70°C

(-31°F to +158°F)

Application:

For suction and discharge of petroleum products

Marketing:

- Petroleum industry
- Paper/pulp industry
- Oil and gas exploration
- Ship building
- Tank trucks
- Waste hauling
- Batch plants

Water Hoses

Suction & Discharge

EH360

Water Suction & Discharge



#																			
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
EH36016-	MXX	100	25	25,4	1.00	34,0	1.34	10,5	150	31	450	95	2.76	94,8	28	0,64	0.43	40-61	100
EH36020-	MXX	100	31	31,8	1.25	42,0	1.65	10,5	150	31	450	125	4.92	94,8	28	0,97	0.65	40-61	100
EH36024-	MXX	100	38	38,1	1.50	48,0	1.89	10,5	150	31	450	150	5.91	94,8	28	1,20	0.81	40-61	100
EH36028-	MXX	100	45	44,5	1.75	55,0	2.17	10,5	150	31	450	185	7.28	94,8	28	1,44	0.97	40-61	100
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
EH36040-	MXX	100	60	63,5	2.50	75,0	2.95	10,5	150	31	450	280	11.02	94,8	28	2,22	1.49	40-61	100
EH36044-	MXX	100	70	70,0	2.75	82,0	3.23	10,5	150	31	450	320	12.60	91,8	28	2,54	1.71	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
EH36080-	MXX	100	130	127,0	5.00	142,0	5.59	10,5	150	31	450	650	25.59	80,0	24	5,62	3.78	40-61	100
EH36096-	MXX	100	150	152,4	6.00	169,0	6.65	10,5	150	31	450	760	29.92	80,0	24	8,20	5.51	40-61	100
EH3608A-	MXX	20	200	203,2	8.00	224,0	8.82	10,5	150	31	450	1120	44 .09	80,0	24	12,54	8.43	20	20,25
EH360160-	MXX	20	250	254,0	10.00	276,0	10.87	7,0	100	21	300	1625	63.98	80,0	24	16,61	11.16	10	20,25
EH360160A-	MXX	20	250	254,0	10.00	279,0	10.99	10,5	150	31	450	1525	60.04	80,0	24	18,17	12.21	10	20
EH360192-	MXX	20	305	304,8	12.00	327,0	12.87	7,0	100	21	300	2015	79.33	80,0	24	19,60	13.17	10	20,25
EH360192A-	MXX	20	305	304,8	12.00	329,0	12.95	10,5	150	31	450	1950	76.77	80,0	24	20,52	13.79	10	20

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)

Marketing:

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

EHT005

Medium Duty Suction & Discharge



# Part No.			Hose I.D.			Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mtr	ft	DN	mm	in			bar	psi	mm	in	kg/m	lbs/ft	mtr	ft
EHT005-12GN-	MXX	150	19	19,0	0.75	32	464	130	5.12	88,0	26	0,36	0.24	30,50	150
EHT005-16GN-	MXX	150	25	25,4	1.00	28	406	140	5.51	88,0	26	0,48	0.32	30,50	150
EHT005-19GN-	MXX	N/A	- -	30,0	1.18	24	348	145	5.71	88,0	26	0,55	0.37	30,50	N/A
EHT005-20GN-	MXX	150	31	31,8	1.25	24	348	150	5.91	88,0	26	0,58	0.39	30,50	150
EHT005-22GN-	MXX	N/A	- -	35,0	1.38	24	348	160	6.30	88,0	26	0,64	0.43	30,50	N/A
EHT005-24GN-	MXX	150	38	38,1	1.50	24	348	180	7.09	88,0	26	0,67	0.45	30,50	150
EHT005-25GN-	MXX	N/A	- -	40,0	1.57	24	348	190	7.48	88,0	26	0,70	0.47	30,50	N/A
EHT005-28GN-	MXX	N/A	- -	45,0	1.77	22	319	200	7.87	88,0	26	0,87	0.58	30,50	N/A
EHT005-32GN-	MXX	150	51	50,8	2.00	22	319	220	8.66	88,0	26	0,98	0.66	30,50	150
EHT005-35GN-	MXX	N/A	- -	55,0	2.17	20	290	250	9.84	88,0	26	1,08	0.73	30,50	N/A
EHT005-38GN-	MXX	N/A	- -	60,0	2.36	20	290	290	11.42	88,0	26	1,25	0.84	30,50	N/A
EHT005-40GN-	MXX	150	60	63,5	2.50	20	290	300	11.81	88,0	26	1,35	0.91	30,50	150
EHT005-44GN-	MXX	N/A	- -	70,0	2.76	18	261	350	13.78	88,0	26	1,58	1.06	30,50	N/A
EHT005-48GN-	MXX	150	80	76,2	3.00	18	261	380	14.96	88,0	26	1,70	1.14	30,50	150
EHT005M80GN-	MXX	N/A	- -	80,0	3.15	15	218	400	15.75	88,0	26	1,80	1.21	20,30	N/A
EHT005-56GN-	MXX	N/A	- -	90,0	3.54	15	218	440	17.32	77,9	26	2,10	1.41	20,30	N/A
EHT005-64GN-	MXX	150	102	101,6	4.00	14	203	490	19.29	77,9	26	2,60	1.74	20,30	150
EHT005-69GN-	MXX	N/A	- -	110,0	4.33	13	189	540	21.26	77,9	26	2,90	1.95	20,30	N/A
EHT005-76GN-	MXX	N/A	- -	120,0	4.72	13	189	660	25.98	67,7	26	3,20	2.15	20,30	N/A
EHT005-80GN-	MXX	N/A	- -	127,0	5.00	12	174	690	27.17	67,7	20	3,65	2.45	20,30	N/A
EHT005-96GN-	MXX	30	150	152,4	6.00	11	160	800	31.50	67,7	20	5,10	3.43	20,30	30
EHT005-128GN-	MXX	N/A	- -	203,0	8.00	9	131	1250	49.21	57,6	17	7,85	5.28	10	N/A

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

Marketing:

- Agriculture
- Industry
- Construction

EHT303

Medium Duty Discharge



# Part No.			Hose I.D.			Max Oper Pressure		Burst Pressure		Weight		Length	
	mtr	ft	DN	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHT303M20RD-	M100	N/A		20,0	0.79	10,0	145	30,0	435	0,16	0 .11	50,100	N/A
EHT303-16RD-	M100	N/A	25	25,4	1.00	10,0	145	30,0	435	0,20	0 .13	50,100	N/A
EHT303-19RD-	M100	N/A		30,0	1.18	10,0	145	30,0	435	0,23	0 .15	50,100	N/A
EHT303-20RD-	M100	N/A	31	31,8	1.25	9,0	130	28,0	400	0,24	0 .16	50,100	N/A
EHT303-22RD-	M100	N/A		35,0	1.38	8,0	115	24,0	350	0,28	0 .19	50,100	N/A
EHT303-24RD-	M100	300	38	38,1	1.50	8,0	115	24,0	350	0,30	0 .20	50,100	300
EHT303-25RD-	M100	N/A		40,0	1.57	8,0	115	24,0	350	0,33	0 .22	50,100	N/A
EHT303-28RD-	M100	N/A		45,0	1.77	8,0	115	24,0	350	0,36	0 .24	50,100	N/A
EHT303-32RD-	M100	300	51	50,8	2.00	8,0	115	24,0	350	0,41	0 .28	50,100	300
EHT303-35RD-	M100	N/A		55,0	2.17	8,0	115	24,0	350	0,49	0 .33	50,100	N/A
EHT303-38RD-	M100	N/A		60,5	2.38	8,0	115	24,0	350	0,54	0 .36	50,100	N/A
EHT303-40RD-	M100	300	60	63,5	2.50	8,0	115	24,0	350	0,57	0 .38	50,100	300
EHT303-44RD-	M100	N/A		70,0	2.76	7,0	100	21,0	305	0,62	0 .42	50,100	N/A
EHT303-48RD-	M100	300	80	76,2	3.00	7,0	100	21,0	305	0,69	0 .46	50,100	300
EHT303-51RD-	M100	N/A		81,0	3.19	7,0	100	21,0	305	0,74	0 .50	50,100	N/A
EHT303M84RD-	M100	N/A		84,0	3.31	7,0	100	21,0	305	0,77	0 .52	50,100	N/A
EHT303-56RD-	M100	N/A		90,0	3.54	7,0	100	21,0	305	0,87	0 .58	50,100	N/A
EHT303-64RD-	M100	300	102	101,6	4.00	7,0	100	21,0	305	1,00	0 .67	50,100	300
EHT303-69RD-	M100	N/A		110,0	4.33	7,0	100	21,0	305	1,15	0 .77	50,100	N/A
EHT303-80RD-	M100	N/A	130	127,0	5.00	6,0	90	18,0	260	1,35	0 .91	50,100	300
EHT303-96RD-	M50	150	150	152,4	6.00	4,0	60	12,1	175	1,65	1 .11	50	150
EHT303-128RD-	M50	150	200	203,2	8.00	2,5	35	7,5	110	2,30	1 .55	50	150

Construction:

Tube: PVC/ NBR lining

Reinforcement: High-tensile synthetic textile

Cover: PVC

Application:

Medium duty discharge of water in agriculture and industry

Marketing:

- Agriculture
- Industry

Operating Temperature:

-5°C to +60° C (+23°F to +140°F)

EHT301

Light Duty Discharge



# Part No.			Hose I.D.			Max Oper Pressure		Burst Pressure		Weight		Length	
	mtr	ft	DN	mm	in	bar	psi	bar	psi	kg/m	lbs/ft	mtr	ft
EHT301-20BU-	M100	N/A	31	31,8	1.25	5,0	75	14,0	200	0,18	0.12	50,100	N/A
EHT301-24BU-	M100	300	38	38,1	1.50	4,0	60	12,0	175	0,21	0.14	50,100	300
EHT301-32BU-	M100	300	51	50,8	2.00	4,0	60	12,0	175	0,28	0.19	50,100	300
EHT301-38BU-	M100	N/A		60,5	2.38	3,5	50	10,0	145	0,33	0.22	50,100	N/A
EHT301-40BU-	M100	300	60	63,5	2.50	3,5	50	10,0	145	0,36	0.24	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
EHT301-51BU-	M100	N/A		81,0	3.19	3,0	45	8,0	115	0,46	0.31	50,100	N/A
EHT301-64BU-	M100	300	102	101,6	4.00	3,0	45	8,0	115	0,60	0.40	50,100	300
EHT301-96BU-	M50	150	150	152,4	6.00	2,5	40	7,0	100	1,20	0.81	50	150

Construction:

Tube: PVC/ lining

Reinforcement: High-tensile synthetic textile

Cover: PVC

Application:

Light duty discharge of water in agriculture and industry

Marketing:

- Agriculture
- Industry

Operating Temperature:

-5°C to +60° C (+23°F to +140°F)

Oil and Gas Exploration

Suction & Discharge

EHP002

Oilfield Mud Suction & Discharge



#	Part No.		Hose I.D.			Hose O.D.		Max Oper Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
			DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHP002-16-	MXX	100	25	25,4	1.00	34,0	1.34	10,5	150	31	450	90	3.54	94,8	28	0,60	0.40	40-61	100
EHP002-24-	MXX	100	38	38,1	1.50	48,0	1.89	10,5	150	31	450	135	5.31	94,8	28	1,11	0.75	40-61	100
EHP002-32-	MXX	100	51	50,8	2.00	62,0	2.44	10,5	150	31	450	200	7.87	94,8	28	1,68	1.13	40-61	100
EHP002-40-	MXX	100	60	63,5	2.50	75,0	2.95	10,5	150	31	450	270	10.63	94,8	28	2,12	1.42	40-61	100
EHP002-48-	MXX	100	80	76,2	3.00	89,0	3.50	10,5	150	31	450	340	13.39	94,8	28	2,75	1.85	40-61	100
EHP002-64-	MXX	100	102	101,6	4.00	115,0	4.53	10,5	150	31	450	450	17.72	94,8	28	3,81	2.56	40-61	100
EHP002-96-	MXX	100	150	152,4	6.00	168,0	6.61	10,5	150	31	450	700	27.56	94,8	28	7,19	4.83	40-61	100
EHP002-128-	MXX	20	200	203,2	8.00	225,0	8.86	10,5	150	31	450	1100	43.31	80,0	24	13,22	8.88	20	20
EHP002-128-	MXX	25	200	203,2	8.00	225,0	8.86	10,5	150	31	450	1100	43.31	80,0	24	13,22	8.88	20	25
EHP002-160-	MXX	20	250	254,0	10.00	279,0	10.98	10,5	150	31	450	1500	59.06	80,0	24	18,26	12.27	10	20
EHP002-160-	MXX	25	250	254,0	10.00	279,0	10.98	10,5	150	31	450	1500	59.06	80,0	24	18,26	12.27	10	25
EHP002-192-	MXX	20	305	304,8	12.00	329,0	12.95	10,5	150	31	450	1900	74.80	80,0	24	20,68	13.90	10	20
EHP002-192-	MXX	25	305	304,8	12.00	329,0	12.95	10,5	150	31	450	1900	74.80	80,0	24	20,68	13.90	10	25

Construction:

Tube: Synthetic and natural rubber blend

Reinforcement: High-tensile synthetic textile and a single steel helical wire available on smaller sizes and dual helical wires available for 8.00" through 12.00"

Cover: SBR blend

Application:

For transfer applications such as drilling mud

Marketing:

- Oil and gas exploration
- Well service
- Fracking industry

Operating Temperature:

-25°C to +70°C

(-13°F to +158°F)

Chemical Hoses

Suction & Discharge

EHC019

Hard Wall Heavy Duty UHMW-PE Suction & Discharge



#																			
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
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

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

Marketing:

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

EHC009

Corrugated UHMW-PE Suction & Discharge



#	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
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

Construction:

Tube: UHMW-PE FDA Approved

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

Cover: Corrugated EPDM

Application:

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

Marketing:

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

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

EHC004

UHMW-PE Suction & Discharge



#	Part No.		Hose I.D.			Hose O.D.		Max Oper Pressure		Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
			DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
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
EHC004-12GN-	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

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

Marketing:

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

Teflon Hoses

H243 Teflon® Hose



# Part Number	Hose I.D.			Hose O.D.			Working Pressure		Min. Burst Pressure		Min. Bend Radius		Hose Weight		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/100ft	feet
H24303 H24303-150R	4,8	0.19	3/16	7,9	0.31	5/16	206,9	3,000	827,4 661,9	12,000 9,600*	50,8	2.00	2,7	6	50 150
H24304 H24304-100R	6,4	0.25	1/4	9,1	0.36	23/64	206,9	3,000	827,4 661,9	12,000 9,600*	76,2	3.00	3,6	8	50 100
H24305 H24305-100R	7,9	0.31	5/16	10,7	0.42	27/64	172,4	2,500	689,5 551,6	10,000 8,000*	101,6	4.00	4,5	10	50 100
H24306 H24306-100R	9,5	0.38	3/8	12,7	0.50	1/2	137,9	2,000	551,6 413,7	8,000 6,000*	127,0	5.00	5,4	12	50 100
H24308 H24308-100R	12,7	0.50	1/2	16,3	0.64	41/64	120,7	1,750	482,7 379,2	7,000 5,500*	165,1	6.50	6,8	15	50 100
H24312	19,1	0.75	3/4	22,6	0.89	57/64	69,0	1,000	275,8 241,3	4,000 3,500*	228,6	9.00	10,0	22	50
H24316	25,4	1.00	1	28,6	1.13	1-1/8	69,0	1,000	275,8 224,1	4,000 3,250*	304,8	12.00	22,2	49	50

Inner Tube: Teflon

Reinforcement: Single Stainless Steel Braid, 1" Size Double Stainless Steel Braid (Type 304)

Temp. Range::

-54°C to +232°C (-65°F to +450°F)

Application:

Hydraulic, air and steamlines. Particularly suited for air compressor discharge lines where vibration and high temp are present.

Note:

Not for use in applications requiring static dissipation.

For more information on Teflon hose options refer to the Everflex Catalog, document number E-HOEV-MC001-E2.

Teflon® is a registered trademark of DuPont used under license by Eaton. hose options refer to the Everflex Catalog, document number E-HOEV-MC001-E2.

H277 Conductive Teflon® Hose



# Part Number	Hose I.D.			Hose O.D.			Working Pressure		Min. Burst Pressure		Min. Bend Radius		Hose Weight		Avail. Lengths
	mm	in	fraction	mm	in	fraction	bar	psi	bar	psi	mm	in	Kg/m	lbs/100ft	
H27703 H27703-150R	4,8	0.19	3/16	7,9	0.31	5/16	206,9	3,000	827,4 661,9	12,000 9,600*	50,8	2.00	2,7	6	50 150
H27704 H27704-100R	6,4	0.25	1/4	9,1	0.36	23/64	206,9	3,000	827,4 661,9	12,000 9,600*	76,2	3.00	3,6	8	50 100
H27705 H27705-100R	7,9	0.31	5/16	10,7	0.42	27/64	172,4	2,500	689,5 551,6	10,000 8,000*	101,6	4.00	4,5	10	50 100
H27706 H27706-100R	9,5	0.38	3/8	12,7	0.50	1/2	137,9	2,000	551,6 413,7	8,000 6,000*	127,0	5.00	5,4	12	50 100
H27708 H27708-100R	12,7	0.50	1/2	16,3	0.64	41/64	120,7	1,750	482,7 379,2	7,000 5,500*	165,1	6.50	6,8	15	50 100
H27712	19,1	0.75	3/4	22,6	0.89	57/64	69,0	1,000	275,8 231,0	4,000 3,350*	228,6	9.00	10,0	22	50
H27716	25,4	1.00	1	28,6	1.13	1-1/8	69,0	1,000	275,8 231,0	4,000 3,350*	304,8	12.00	22,2	49	50

Inner Tube: Conductive black Teflon tube

Reinforcement: Single Stainless Steel Braid, 1" Size Double Stainless Steel Braid (Type 304)

Temp. Range::

-54°C to +232°C (-65°F to +450°F)

Application:

Hydraulic, air and steamlines. Particularly suited for air compressor discharge lines where vibration and high temp are present.

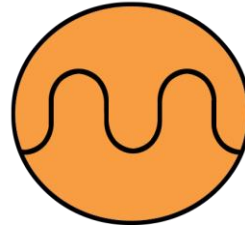
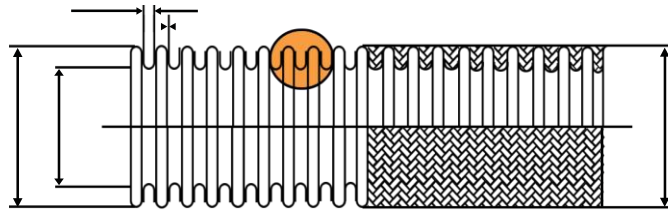
Note:

For use in applications requiring static dissipation.

*For applications above +300°F (+149°C)

For more information on Teflon hose options refer to the Everflex Catalog, document number E-HOEV-MC001-E2.

Corrugated Stainless Steel Hoses



Item Code	DN									
		Tube ID	Tube OD	Braid OD	Tol	BR/r		WP	BP	W
		(D)	(D1)	(D2)	(Dx)	Static	Dynamic			
		mm	mm	mm	mm	mm	mm	bar	bar	Kg/m
R006000X R10K	6	6,3	9,6	10,6	-+0,25	15	80	26	96	0.065
						25		153	652	0.125
R008000X R10K	8	8,5	12,3	13,2	-+0,25	16	120	15	60	0.105
						32		120	483	0.170
R010000X R10K	10	10,0	14,2	15,4	-+0,25	18	130	10	64	0.110
						38		109	438	0.210
R012000X R10K	12	12,1	16,8	17,7	-+0,25	20	140	9	40	0.120
						45		80	300	0.235
R016000X R10K	16	16,4	21,1	23,3	-+0,25	28	160	7	32	0.190
						58		60	260	0.300
R020000X R10K	20	20,3	26,7	28,2	-+0,25	32	170	4	20	0.270
						70		71	284	0.485
R025000X R10K	25	25,4	32,3	33,6	-+0,30	40	190	3	16	0.340
						85		45	260	0.610
R032000X R10K	32	33,8	41,2	43,4	-+0,30	50	260	2.5	10	0.550
						105		50	203	1.040
R040000X R10K	40	39,9	49,4	51,3	-+0,30	60	300	2.5	10	0.755
						130		44	177	1.385
R050000X R10K	50	50,2	60,7	62,0	-+0,50	70	320	1.6	4	0.880
						160		30	120	1.590
R065000X R10K	65	62,1	76,6	80,0	-+0,50	115	460	1	4	1.290
						200		30	124	2.330
R080000X R10K	80	78,5	95,1	98,0	-+0,60	130	660	1.6	8	1.990
						240		27	110	3.210
R100000X R10K	100	97,8	114,5	118,0	-+0,60	160	750	1.5	4	2.600
						290		19	78	3.995



Simple Solutions for Industry

20 Street, 2nd Industrial City

Cross street 39, Dammam

Saudi Arabia

Map Coordinates: 26.246525, 49.989258

Email: sales@sst-sa.com

Website: www.sst-sa.com

Phone: +966 13 831 1700

Fax: +966 13 817 9196