Chemical

Suction & Discharge

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

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

EHC001 Chemical Suction & Discharge



Construction:

Tube: PE blend

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

Cover: EPDM rubber

Operating Temperature:

-40°C to +80°C
(-40°F to +176°F)

Application:

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

Markets:

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

Type of Couplings:

- Cam and groove
- Combination nipple
- Male NPT

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

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

*Product also available in BK-black

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