

Suction & Discharge

EHC004 UHMW-PE



Application

- For suction and discharge of chemicals and solvents where electrical resistance is needed

Markets

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

Construction

Tube UHMW-PE,
Meets FDA & European requirements

Reinforcement

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

Cover EPDM rubber

Colors Green (GN), Black (BK), Blue (BU)

Certifications

Regulation EC 1935/2004,
FDA Regulation CFR Title No.21
art. 176.170 and art. 177.1520

Operating temperature

-40°C to +80°C
(-40°F to +176°F)
Max ambient +121°C (+250°F)

Packaging

100 ft
Coil on Pallet

Order Fulfillment

Made to Order

Number	Hose I.D.		Hose O.D.		Operating Pressure		Min. Burst Pressure		Minimum Bend Radius		Vacuum		Weight		Length	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft	mtr	ft
EHC004-12GN	19.0	0.75	31	1.22	10.5	150	40	580	80	3.15	94.8	28	0.69	0.46	30.5	100
EHC004-16GN	25.4	1.00	37	1.46	10.5	150	40	580	110	4.33	94.8	28	0.82	0.55	30.5	100
EHC004-20GN	31.8	1.25	45	1.77	10.5	150	40	580	165	6.50	94.8	28	1.12	0.75	30.5	100
EHC004-24GN	38.1	1.50	52	2.05	10.5	150	40	580	225	8.86	94.8	28	1.50	1.01	30.5	100
EHC004-28GN	44.5	1.75	59	2.32	10.5	150	40	580	285	11.22	94.8	28	1.82	1.22	30.5	100
EHC004-32GN	50.8	2.00	67	2.64	10.5	150	40	580	350	13.78	94.8	28	2.28	1.53	30.5	100
EHC004-40GN	63.5	2.50	80	3.15	10.5	150	40	580	450	17.72	94.8	28	2.78	1.87	30.5	100
EHC004-44GN	70.0	2.75	87	3.43	10.5	150	40	580	550	21.65	94.8	28	3.18	2.14	30.5	100
EHC004-48GN	76.2	3.00	93	3.66	10.5	150	40	580	800	31.50	94.8	28	3.32	2.23	30.5	100
EHC004-64GN	101.6	4.00	120	4.72	10.5	150	40	580	1200	47.24	94.8	28	4.88	3.28	30.5	100

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.