

Suction & Discharge

EHC006

UHMW-PE Heavy Duty



Application

- For suction and discharge of chemicals and high-aromatic 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 and European requirements

Reinforcement

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

Cover

Weather, ozone abrasion resistant EPDM rubber

Color

Black (BK), Blue (BU)

Certifications

EN12115 Type SD-M, 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
EHC006-12BK	19.0	0.75	31.0	1.22	16.0	232	64.0	928	187	7.36	94.8	28	0.67	0.45	30.5	100
EHC006-16BK	25.4	1.00	37.0	1.46	16.0	232	64.0	928	225	8.86	94.8	28	0.83	0.56	30.5	100
EHC006-20BK	31.8	1.25	44.0	1.73	16.0	232	64.0	928	262	10.31	94.8	28	1.04	0.70	30.5	100
EHC006-24BK	38.1	1.50	51.0	2.01	16.0	232	64.0	928	338	13.31	94.8	28	1.40	0.94	30.5	100
EHC006-32BK	50.8	2.00	67.0	2.64	16.0	232	64.0	928	410	16.14	94.8	28	2.25	1.51	30.5	100
EHC006-40BK	63.5	2.50	79.0	3.11	16.0	232	64.0	928	450	17.72	94.8	28	2.60	1.75	30.5	100
EHC006-48BK	76.2	3.00	92.0	3.62	16.0	232	64.0	928	525	20.67	94.8	28	3.22	2.16	30.5	100
EHC006-64BK	101.6	4.00	118.0	4.65	16.0	232	64.0	928	675	26.58	94.8	28	4.57	3.07	30.5	100
EHC006-96BK	152.4	6.00	177.2	6.98	16.0	232	64.0	928	1000	39.37	94.8	28	9.88	6.65	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, aluminum, brass etc.) and attachment procedure with crimp specifications