

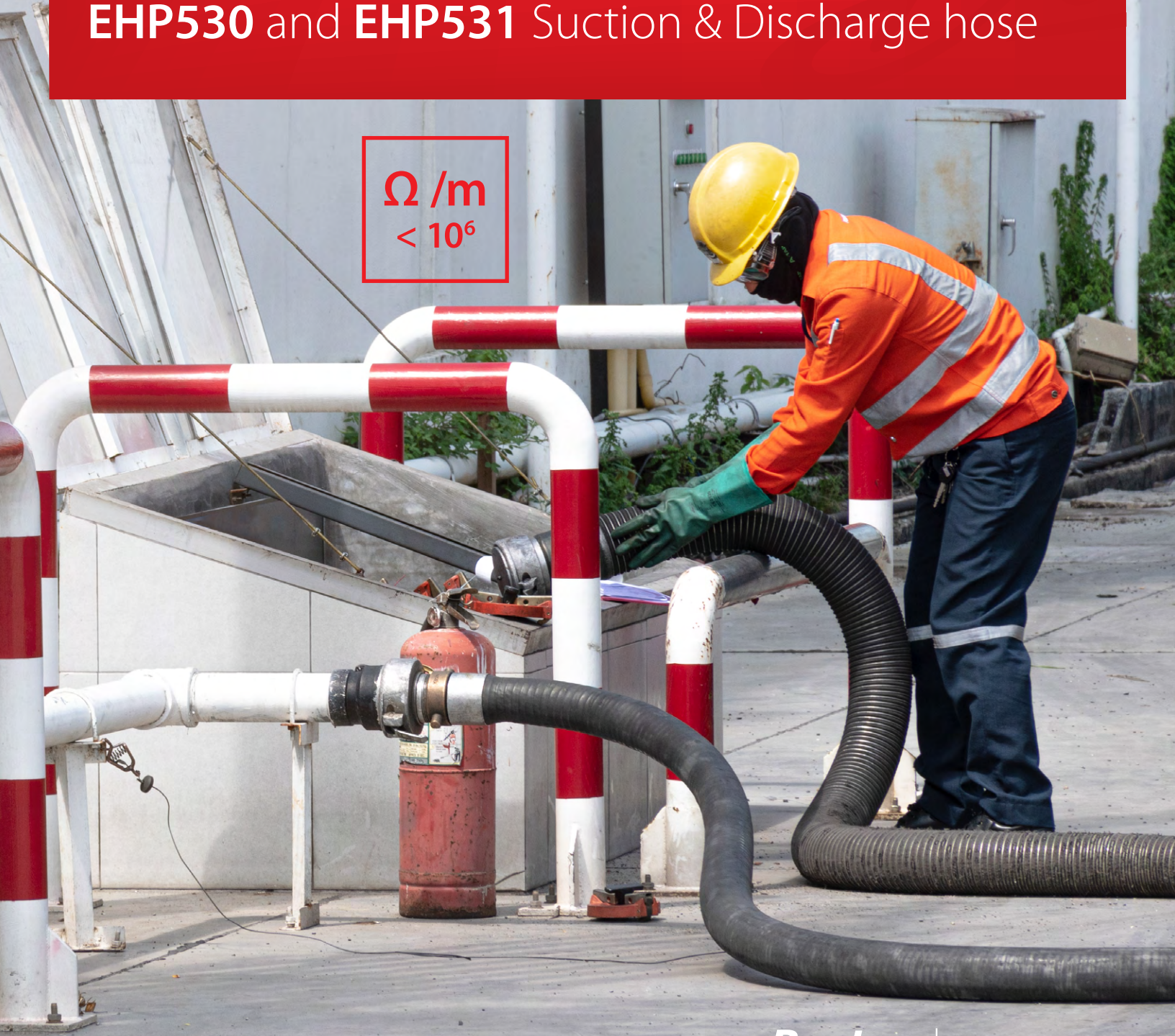
ENGINEERING
TOMORROW

Danfoss

Boston by Danfoss

Advanced Antistatic Hoses for Oil & Petroleum Transfer Safety EHP530 and EHP531 Suction & Discharge hose

Ω / m
< 10^6



Boston
by Danfoss

To learn more go to:
www.danfoss.com

EHP530 & EHP531 antistatic hoses

Introducing our latest hoses designed specifically for oil and petroleum transfer operations. EHP530 and EHP531 hoses feature advanced anti-static properties for enhanced safety, specifically for petroleum, oil, and gasoline transfers, ensuring complete antistatic performance according to ISO 8031 standards, not only through wiring but also tubing. With dual functionality for suction and delivery, they offer unparalleled versatility across oil platforms, fuelling, storage tanks, or other industrial applications.



Features

- Our hoses ensure 100% anti-static performance $\Omega/m < 10^6$ through anti-static compounds for inner tube construction and spiral copper wires for hose grounding.
- Suitable for both suction and discharge applications, providing versatile functionality.
- Consistent pressure performance across different hose sizes for both hoses.
- Available in a wide range of sizes, from 3/4 inch to 12 inch, catering to various application requirements.
- Demonstrates high chemical compatibility with various oil types and petroleum, accommodating up to 50% aromatic content.
- Equipped with dual transfer tape and embossed laylines for easy identification, ensuring simplified replenishment and reduced errors during replacement.
- Offers greater flexibility compared to other products, enhancing handling and convenience during assembly and work.
- Highly reinforced with a high-tensile texture, featuring twin embedded steel helix wire and two crossing link copper wires for hose grounding.
- Crafted with an outer cover made from NVC blend rubber, ensuring resilience against ozone and oil, guaranteeing durability in harsh operating conditions.

Benefits

- Ensures superior safety features by minimizing the risk of static discharge, essential for petroleum, oil, and gasoline transfers.
- Versatile functionality makes them suitable for a wide range of industrial needs.
- Provides flexibility to meet different application requirements with constant pressure performance across various hose sizes.
- High chemical compatibility offers peace of mind and reliability across a wide range of oil and petroleum applications.
- Simplified replenishment and enhanced traceability ensure ease of use and reduced errors during replacement.
- Improved handling and convenience during assembly and work, enhancing overall operational efficiency.
- Increased durability and longevity in usage ensure long-term reliability and performance.
- Resilient outer cover protects against harsh environmental conditions, ensuring extended service life.

Oil & Petroleum EHP530

Antistatic Suction & Discharge Hose
for up to 10.5 bars operating pressure



Part	SAP number	Hose I.D.		Hose O.D.		Operating Pressure		Min. Burst Pressure		Bend Radius		Weight		Vacuum	
		mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	kPa	in/Hg
EHP530-12	12008762	19.0	.75	30.0	1.18	10.5	150	30	435	95	3.74	0.67	0.45	80.0	23.7
EHP530-16	12008768	25.4	1.00	35.5	1.40	10.5	150	30	435	127	5.00	0.83	0.56	80.0	23.7
EHP530-20	12008772	31.8	1.25	43.0	1.69	10.5	150	30	435	160	6.30	1.00	0.67	80.0	23.7
EH P530-24	12008774	38.1	1.50	49.0	1.93	10.5	150	30	435	190	7.48	1.43	0.96	80.0	23.7
EHP530-28	12008776	44.5	1.75	56.0	2.20	10.5	150	30	435	225	8.86	1.52	1.02	80.0	23.7
EHP530-32	12008778	50.8	2.00	63.0	2.48	10.5	150	30	435	255	10.04	1.82	1.22	80.0	23.7
EHP530-40	12008781	63.5	2.50	76.0	2.99	10.5	150	30	435	315	12.40	2.35	1.58	80.0	23.7
EHP530-48	12008790	76.2	3.00	89.0	3.50	10.5	150	30	435	370	14.57	2.99	2.01	80.0	23.7
EHP530-56	12008792	88.9	3.50	105.0	4.13	10.5	150	30	435	450	17.72	3.97	2.67	80.0	23.7
EH P530-64	12008794	101.6	4.00	117.0	4.61	10.5	150	30	435	510	20.08	4.45	2.99	80.0	23.7
EHP530-80	12008796	127.0	5.00	145.0	5.71	10.5	150	30	435	635	25.00	6.54	4.39	80.0	23.7
EHP530-96	12008798	152.4	6.00	170.0	6.69	10.5	150	30	435	760	29.92	8.63	5.80	80.0	23.7
EH P530-128	12008800	203.2	8.00	228.0	8.98	10.5	150	30	435	1015	39.96	16.38	11.00	80.0	23.7
EH P530-160	12008802	254.0	10.00	282.0	11.10	10.5	150	30	435	1250	49.21	24.93	16.75	80.0	23.7
EHP530-192	12008804	304.8	12.00	338.0	13.31	10.5	150	30	435	1500	59.06	33.69	22.64	80.0	23.7

Construction

Tube:

Black, smooth, High Quality Antistatic NBR Blend rubber compound

Reinforcement:

High tensile synthetic textile reinforcement with twin and 2 crossing link copper wires for hose grounding

Cover: Black, smooth, cloth impression NVC

Blend rubber compound, resistant to oil, abrasion, ozone, and weather

Operating parameters

-35° C to +70 °C
(-31° F to +158° F)

Specifications

ISO8031 , $\Omega / m < 10^6$

Order fulfillment

Made to order

Markets/Applications

- Suction and delivery hose for fuels and petroleum derivatives with aromatic contents up to 50%
- Suitable for use with Gasoline, Diesel, Kerosene and Petroleum Oils
- Oil platforms, fuelling, storage tanks or other industrial facilities.

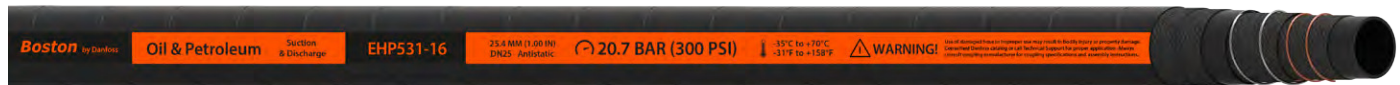
Type of fittings

Contact coupling manufacturer for attachment procedure and other coupling recommendations



Oil & Petroleum EHP531

Antistatic Suction & Discharge Hose
for up to 20.7 bars operating pressure



Part	SAP number	Hose I.D.		Hose O.D.		Operating Pressure		Min. Burst Pressure		Bend Radius		Weight		Vacuum	
		mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	kPa	in/Hg
EHP531-16	12011243	25.4	1.00	37.0	1.46	20.7	300	62	900	127	5.00	0.79	.53	80.0	23.7
EHP531-20	12011245	31.8	1.25	44.0	1.73	20.7	300	62	900	160	6.30	1.01	.68	80.0	23.7
EHP531-24	12011263	38.1	1.50	52.0	2.05	20.7	300	62	900	190	7.48	1.54	1.04	80.0	23.7
EHP531-28	12011267	44.5	1.75	59.5	2.34	20.7	300	62	900	225	8.86	1.80	1.21	80.0	23.7
EHP531-32	12011272	50.8	2.00	67.0	2.64	20.7	300	62	900	255	10.04	2.19	1.47	80.0	23.7
EHP531-40	12011275	63.5	2.50	80.0	3.15	20.7	300	62	900	315	12.40	2.69	1.81	80.0	23.7
EHP531-48	12011277	76.2	3.00	92.0	3.62	20.7	300	62	900	370	14.57	3.42	2.30	80.0	23.7
EHP531-56	12011279	88.9	3.50	109.1	4.30	20.7	300	62	900	450	17.72	4.42	2.97	80.0	23.7
EHP531-64	12011281	101.6	4.00	120.0	4.72	20.7	300	62	900	510	20.08	4.79	3.22	80.0	23.7
EHP531-80	12011295	127.0	5.00	150.5	5.91	20.7	300	62	900	635	25.00	7.53	5.06	80.0	23.7
EHP531-96	12011301	152.4	6.00	177.0	6.97	20.7	300	62	900	760	29.92	10.22	6.87	80.0	23.7
EHP531-128	12011303	203.2	8.00	234.0	9.21	20.7	300	62	900	1000	39.97	18.70	12.57	80.0	23.7

Construction

Tube:

Black, smooth, High Quality Antistatic NBR Blend rubber compound

Reinforcement:

High tensile synthetic textile reinforcement with twin embedded steel helix wire and 2 crossing link copper wires for hose grounding

Cover:

Black, smooth, cloth impression NVC Blend rubber compound, resistant to oil, abrasion, ozone, and weather

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