

ABRASION-RESISTANT

HEDUFLEX

Heavy-duty suction and pressure hose for water and slurry in industry, construction and agriculture



HEDUFLEX is a heavy-duty suction and pressure hose with embedded steel spiral and textile reinforcement. SBR lining combined with wrap construction makes the hose well-suited to transport of water and slurry under pressure or vacuum - typically in agriculture (slurry transport), construction (water distribution on building sites) and industry (hose pumps, wastewater handling).

Media: Liquid, Granulate, Gas, Dust

Temp: -30 °C to 80 °C

✓ Cut to length

APPLICATIONS

- Slurry transport and injection in agriculture
- Water distribution on construction sites
- Hose pumps and industrial pump handling
- Wastewater treatment and slurry pumping
- Process water in metallurgical industry
- Suction and pressure applications at moderate pressures

Technical specifications

Material	SBR (styrene-butadiene rubber) inner lining, wrap outer wall
Colour	black
Wall construction	Wrap outer wall, smooth SBR lining with textile plies and embedded steel spiral
Spiral material	Staal
Conveying media	Liquid, Granulate, Gas, Dust
Temperature range	-30 °C – 80 °C
Short-term peak	80 °C
Cut to length	Yes
Manufacturer SKU	3640

Standards and compliance

en-iso-1307, REACH, RoHS

Dimensions and ordering

The hose is supplied in 19 standard sizes from inner Ø 19.0 mm to 305.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Wall th. [mm]	Press. DIN [bar]	Burst [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
19	30	5.5	10	30	0.9	95	40	0.68	40	3640019000
25	35	5	10	30	0.9	125	40	0.81	40	3640025000
28	-	4.5	10	30	0.8	-	40	1.1	-	8360028000
32	43	5.5	10	30	0.9	160	40	1	40	3640032000
38	50	6	10	30	0.9	190	40	1.3	40	3640038000
40	52	6	10	30	0.9	200	40	1.35	40	3640040000
51	64	6.5	10	30	0.9	210	40	1.74	40	3640050000
60	73	6.5	10	30	0.9	240	40	2.26	40	3640060000
63	79	8	10	30	0.9	260	40	2.5	40	3640063000
76	90	7	10	30	0.9	310	40	2.92	20, 40	3640075000
80	95	7.5	10	30	0.9	320	40	3.3	40	3640080000
90	105	7.5	10	30	0.9	360	40	3.67	40	3640090000
102	116	7	10	30	0.9	410	40	3.96	10, 20, 40	3640100000
110	126	8	10	30	0.9	440	20	4.9	20	3640110000
127	144	8.5	10	30	0.9	510	20	6	20	3640125000
152	170	9	10	30	0.9	760	20	7.95	20	3640150000
203	224	10.5	6	18	0.9	1.015	6	12.6	5, 6	3640200000
254	275	10.5	6	18	0.9	1.27	6	16.5	5, 6	3640250000
305	326	10.5	6	18	0.9	1.83	3	21.5	3, 5	3640300000

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. Bend radius is measured along the inside of the hose bend.

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Contact and advisory

Particulair

Højtoften 12
2690 Karlslunde, Denmark
CVR: 34129894

Phone: (+45) 70 23 12 03
E-mail: sales@particulair.com
Web: particulair.eu

Product page: particulair.eu/flexcore/en/abrasive/heduflex/

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