

ABRASION-RESISTANT

DELTAFLX

Flexible SBR suction hose for water and slurry in agriculture and sewage



DELTAFLX is a highly flexible SBR suction hose with corrugated outer coating and combined textile plies + steel spiral reinforcement. The hose is designed for water, slurry and sewage pumping in agriculture and municipal services. 3 bar working pressure and 0.9 bar vacuum cover typical pump applications, and the flexible wall tolerates mechanical impacts from mobile slurry spreaders and sewage trucks. Wide dimension range (50-254 mm ID) and multiple standard lengths make the hose suitable for many different installation configurations.

Media: Gas, Dust, Liquid

Temp: -30 °C to 85 °C

✓ Cut to length

APPLICATIONS

- Manure spreaders and slurry pump installations in agriculture
- Sewage emptying and municipal sewerage
- Slurry injection in fields and irrigation systems
- Process water and cooling water distribution in industry
- Industrial dewatering where moderate pressure and wear resistance are required
- Slurry and sewage pumping at industrial farms

Technical specifications

Material	SBR (styrene-butadiene rubber) both inner tube and outer coating
Colour	black
Wall construction	Smooth inner SBR tube, corrugated and wrapped outer SBR coating, textile plies + steel spiral
Spiral material	Staal-spiral + tekstil-plies
Conveying media	Gas, Dust, Liquid
Temperature range	-30 °C – 85 °C
Short-term peak	85 °C
Cut to length	Yes
Manufacturer SKU	3600

Standards and compliance

EN ISO 1307:2008, REACH, RoHS

Dimensions and ordering

The hose is supplied in 31 standard sizes from inner Ø 50.0 mm to 254.0 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]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
50	60	5	3	0.9	175	2	1.42	2	3600050200
50	60	5	3	0.9	175	3	1.42	3	3600050300
50	60	5	3	0.9	175	5	1.42	5	3600050500
50	60	5	3	0.9	175	6	1.42	6	3600050600
76	88	6	3	0.9	266	2	2.18	2	3600075200
76	88	6	3	0.9	266	3	2.18	3	3600075300
76	88	6	3	0.9	266	4	2.18	4	3600075400
76	88	6	3	0.9	266	5	2.18	5	3600075500
76	88	6	3	0.9	266	6	2.18	6	3600075600
102	116	7	3	0.9	357	2	3.39	2	3600100200
102	116	7	3	0.9	357	3	3.39	3	3600100300
102	116	7	3	0.9	357	4	3.39	4	3600100400
102	116	7	3	0.9	357	5	3.39	5	3600100500
102	116	7	3	0.9	357	6	3.39	6	3600100600
102	116	7	3	0.9	357	1	3.39	-	3600100100
110	124	7	3	0.9	385	3	3.83	3	3600110300
110	124	7	3	0.9	385	4.9	3.83	4	3600110490
127	143	8	3	0.9	450	3	5.13	3	3600125300
127	143	8	3	0.9	450	5	5.13	5	3600125500
127	143	8	3	0.9	450	6	5.13	6	3600125600
152	170	9	3	0.9	532	3	6.83	3	3600150300
152	170	9	3	0.9	532	4	6.83	4	3600150400
152	170	9	3	0.9	532	5	6.83	5	3600150500
152	170	9	3	0.9	532	6	6.83	6	3600150600
203	225	11	3	0.9	720	2	11.82	2	3600200200
203	225	11	3	0.9	720	3	11.82	3	3600200300
203	225	11	3	0.9	720	4	11.82	4	3600200400
203	225	11	3	0.9	720	5	11.82	5	3600200500
203	225	11	3	0.9	720	6	11.82	6	3600200600
254	280	13	3	0.9	914	1	15	-	3600250100
254	280	13	3	0.9	914	4	18.33	-	3600250400

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/deltaflex/

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