

Royalflex® H1196

Boston by Danfoss Royalflex H1196 Water Specialty

Engineered to go with the **flow**

Boston® Royalflex was designed to be free flowing, lightweight and built for long continuous lengths. With no separate tube and cover, Royalflex is homogeneously constructed with no layers that could separate.

This hose has more turns of helical wire per inch compared to traditional transfer hose, making it more crush and kink resistant. Ideal for petroleum, waste hauling, and batch plant areas.



Markets/Applications

- Tank trucks
- Agriculture
- Batch plants
- Waste hauling
- Petroleum industry
- Oil and gas exploration
- Transfer of water, liquid, diluted fertilizers and pesticides
- Pumping, suction, and discharge of water and slurries



Sells Against

- Boston Royalflex water is an innovative solution on the market today.

Features

- High-pressure capability up to 300 psi
- Long, continuous lengths
- Crush and kink resistant
- MSHA approved
- Rated for full vacuum service
- 100% polyester with helical wire
- Lightweight

Order Fulfillment

- Made to Stock

Royalflex H1196

Light- to medium-duty water transfer hose

Boston by Danfoss Royalflex Water H119624 Water Specialty 38.1 MM (1.50 IN) DN38 MSHA IC-84/37 20.7 BAR (300 PSI) -29°C to +82°C (-20°F to +180°F) YYYY/MM/DD Made in USA -/-/ XXXXX

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
H119624-100	38.1	1.50	52.4	2.06	21.0	300	62	900	152.4	6.00	100	30	1.19	0.81	30.5	100
H119632-100	50.8	2.00	65.1	2.56	21.0	300	62	900	203.2	8.00	100	30	1.64	1.10	30.5	100
H119640-100	63.5	2.50	77.8	3.06	21.0	300	62	900	254.0	10.00	100	30	1.99	1.34	30.5	100
H119648-100	76.2	3.00	90.5	3.56	17.0	250	52	750	304.8	12.00	100	30	2.98	2.00	30.5	100
H119664-100	101.6	4.00	115.9	4.56	14.0	200	41	600	406.4	16.00	100	30	4.05	2.72	30.5	100

Construction

Tube Thermoplastic vinyl nitrile

Reinforcement

100% polyester and helical wire

Cover Thermoplastic vinyl nitrile (MSHA approved)

Operating Temperature

-29°C to +82°C
(-20°F to +180°F)

Certifications

MSHA approved

Packaging

Various package lengths active (up to 1,000 ft.), any package length can be quoted

Type of couplings

- Male NPT
- Cam and groove

Contact coupling manufacturer for attachment procedure and other coupling recommendations