

Royalflex

Lightweight, Kink-resistant hardwall hose for suction and discharge service for petroleum products.

Like no other, Royalflex hose from Boston is a breed of it's own. This hose is different because it has no separate tube or cover, they are homogeneous. What this means is, along with it's extremely abrasion resistant Thermoplastic Vinyl Nitrile materials, this hose has no layers that could separate. In addition, this hose has more turns of helical wire per inch compared to traditional transfer hose, making it more crush and kink-resistant. With stocked lengths of 50', 60', 100', and 120', Boston has the right length to meet your needs and upon request can make it longer to meet your application needs.

Whether it be an Ag, Construction, Mining, Waste Hauling/Treatment or Petroleum/Petrochemical application, Royalflex is made to meet the challenge!

Features

- Thermoplastic vinyl nitrile (H1196), Nitrile (H1193) homogeneous tube and cover
- More turns of helical wire per inch
- Higher working pressure
- Lightweight
- Long lengths
- Retains flexibility and vacuum characteristics from -20° to 180°F (-29° to 82°C)

Advantages

- Separation problems are virtually eliminated
- More crush and kink-resistant
- Up to 300 PSI applications depending on size
- Economical; eliminates couplings
- Handles a wide range of applications



1193

Boston Royalflex Heavy Duty Petroleum



PRODUCT NAME	NOMINAL I.D. (IN.)	NOMINAL I.D. (MM)	NOMINAL O.D. (IN.)	NOMINAL O.D. (MM)	APPROX WEIGHT W/O FITTINGS (LB/FT)	APPROX WEIGHT W/O FITTINGS (KG/M)	MAXIMUM WORKING PRESS. (PSI)	MAXIMUM WORKING PRESS. (BAR)	MINIMUM BEND RADIUS (IN.)	MINIMUM BEND RADIUS (MM)	MTO MIN. ORDER QTY.	STANDARD LENGTH (FT)
H119324	1-1/2	38.1	2	50.8	.80	1.191	300	20.68	6	152	1,000	50
H119324-60												60
H119324-100												100
H119324-120												120
H119332	2	50.8	2-1/2	63.5	1.10	1.652	300	20.68	8	203	1,000	50
H119332-60												60
H119332-100												100
H119332-120												120
H119340	2-1/2	63.5	3	76.2	1.34	1.994	300	20.68	10	254	1,000	50
H119340-60												60
H119340-100												100
H119340-120												120
H119348	3	76.2	3-1/2	88.9	2.00	2.992	250	17.24	12	305	1,000	50
H119348-60												60
H119348-100												100
H119348-120												120
H119364	4	102.0	4-1/2	114.3	2.72	4.084	200	13.79	16	406	1,000	50
H119364-60												60
H119364-100												100
H119364-120												120

1196

Boston Royalflex Suction and Discharge



PRODUCT NUMBER	NOMINAL I.D. (IN.)	NOMINAL I.D. (MM)	NOMINAL O.D. (IN.)	NOMINAL O.D. (MM)	APPROX. WEIGHT (LBS./FT.)	APPROX. WEIGHT (LBS./FT.)	MAXIMUM WORKING PRESS. (PSI)	MAXIMUM WORKING PRESS. (PSI)	MINIMUM BEND RADIUS (IN.)	MINIMUM BEND RADIUS (MM)	STANDARD REELS (FT)
H119624	1-1/2	38.1	2	50.8	.81		300		6	152	50
H119624-60											60
H119624-100											100
H119624-120											120
H119632	2	50.8	2-1/2	63.5	1.09		300		8	203	50
H119632-60											60
H119632-100											100
H119632-120											120
H119640	2-1/2	63.5	3	76.2	1.32		300		10	254	50
H119640-60											60
H119640-100											100
H119640-120											120
H119648	3	76.2	3-1/2	88.9	1.94		250		12	305	50
H119648-60											60
H119648-100											100
H119648-120											120
H119664	4	102.0	4-1/2	115.9	2.72		200		16	406	50
H119664-60											60
H119664-100											100
H119664-120											120

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Boston

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