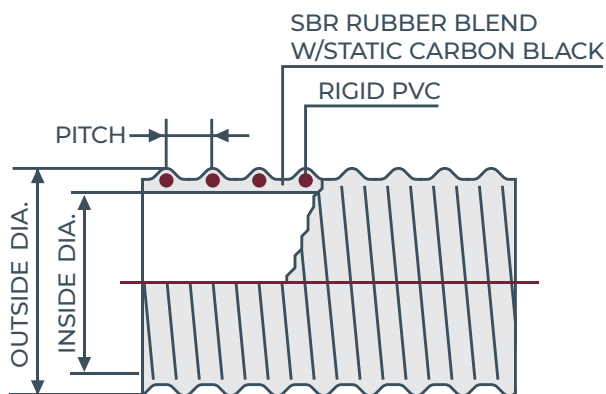


flexVAC™ 180 AR (180 AR)



Heavy-duty abrasion resistant suction and discharge hose

A robust solution for demanding applications. Lightweight and flexible, the SBR rubber hose with static carbon black ensures exceptional abrasion resistance, static dissipation, and precise flow. Ideal for vacuum trucks handling crushed rock, sand, pea gravel, cement powder, dry fertilizer, iron ore, and grains.



FEATURES

The lightweight and flexible SBR rubber hose blended with static carbon black makes it extremely abrasion resistant. Static dissipating with no grounding wire. The smooth bore allows for precise flow because no irregularities in the wall can cause interruptions. Smooth bore also promotes drainability.

APPLICATIONS

Heavy-duty abrasion resistant suction hose for vacuum trucks or handling abrasives such as crushed rock, sand, pea gravel, cement powder, dry fertilizer, iron ore and grains

TEMP. RANGE

-40°F to 140°F

CONSTRUCTION

SBR rubber blended with static carbon black, rigid PVC helix, smooth bore, corrugated O.D.

NOTE

This hose was not designed for bulk handling such as unloading of rail cars.

AVAILABLE SIZES

ID in / mm	OD in / mm	Pitch in / mm	Minimum Bend Radius in / mm	Working Pressure PSI / bar	Vacuum Rating inHg / kPa	Weight lb/ft / kg/m	Standard Length ft / m
1-1/4 / 31.8	1.6 / 40.6	0.33 / 8.4	2.0 / 51	45 / 3.1	29.8 / 100.9	0.31 / 0.46	100 / 30.5
1-1/2 / 38.1	1.9 / 48.3	0.35 / 8.9	2.0 / 51	45 / 3.1	29.8 / 100.9	0.37 / 0.55	100 / 30.5
2 / 50.8	2.4 / 61	0.39 / 9.9	2.5 / 64	40 / 2.76	29.8 / 100.9	0.50 / 0.74	100 / 30.5
2-1/2 / 63.5	3.0 / 76.2	0.56 / 14.2	2.5 / 64	35 / 2.41	29.8 / 100.9	0.88 / 1.31	100 / 30.5
3 / 76.2	3.5 / 88.9	0.59 / 15	3.0 / 76	35 / 2.41	29.8 / 100.9	1.10 / 1.64	100 / 30.5
3-1/2 / 88.9	4.11 / 104.4	0.64 / 16.3	4.0 / 102	30 / 2.07	29.8 / 100.9	1.35 / 2.01	100 / 30.5
4 / 101.6	4.63 / 117.6	0.65 / 16.5	4.5 / 114	30 / 2.07	29.8 / 100.9	1.77 / 2.63	50,100 / 15.2, 30.5
5 / 127	5.76 / 146.3	0.87 / 22.1	5.0 / 127	30 / 2.07	28.0 / 94.8	2.47 / 3.68	50,100 / 15.2, 30.5
6 / 152.4	6.8 / 172.7	0.87 / 22.1	9.2 / 234	30 / 2.07	28.0 / 94.8	3.08 / 4.58	50,100 / 15.2, 30.5
7 / 177.8	7.83 / 198.9	0.87 / 22.1	14.0 / 356	30 / 2.07	27.0 / 91.4	4.10 / 6.1	50 / 15.2
8 / 203.2	9.04 / 229.6	0.91 / 23.1	15.0 / 381	30 / 2.07	27.0 / 91.4	5.65 / 8.41	50 / 15.2
10 / 254	11.18 / 284	1.00 / 25.4	30.0 / 762	28 / 1.93	25.0 / 84.7	8.88 / 13.21	20 / 6.1
12 / 304.8	13.31 / 338.1	1.18 / 30	40.0 / 1016	25 / 1.72	25.0 / 84.7	10.43 / 15.52	20 / 6.1

Over flexing or repeated flexing of hose within 18" of fitting is a common cause of hose failure. Installing a 12"-14" section of our Banding Coil at the end of the hose should be considered. Kanaflex will not be responsible for damage to hose due to over flexing.