



HI-FLEX AS HOSE

Technical Data Sheet

Hi-Flex AS Hose: Specially formulated static dissipative polyurethane hose reinforced with a rigid external ABS helix and an embedded copper grounding wire.

Standard Lengths: 25', 50'

Size Range: 1" to 8"

Standard Color: Clear with black helix

Temperature Range: -40° to 200° F / -40° to 93° C



- Extremely flexible with great abrasion resistance.
- Enclosed copper grounding wire reduces static build-up in material handling applications.
- Ideal for plastic pellet & powder transfer & pneumatic conveying applications.
- Smooth interior assures minimal friction loss, efficient air flow & elimination of material build-up.
- Surface Resistivity level: $10^8 - 10^{10}$ ohms/sq. • Manufactured with FDA acceptable materials.

ID (in)	WEIGHT (lb/ft)	WALL THICKNESS (in)	CL BEND RADIUS (in)	COMPRESSION RATIO	NEGATIVE PRESSURE (in/hg)	WORKING PRESSURE (psi)
1	.17	.032	1.5	1:1	29	50
1.25	.21	.04	1.9	1:1	29	50
1.5	.24	.04	2	1:1	29	50
2	.3	.04	2.5	1:1	29	50
2.5	.5	.04	5	1.5:1	28	35
3	.55	.04	5.5	1.5:1	26	32
4	.75	.04	6	1.5:1	22	30
5	1	.045	7	1.5:1	18	28
6	1.25	.045	7.75	1.5:1	12	26
7	1.5	.045	10	1.5:1	11	25
8	1.75	.045	12	1.5:1	10	24

Disclaimer: The data provided is intended as a guide only and should not be interpreted as a warranty. It is not intended to be used to determine the suitability of the product for any specific customer application. Siftex strongly suggests that each customer thoroughly test the prospective product in their own manufacturing facility to determine the actual suitability of the product in their specific application.