

## Industrial interlocked hose

Our industrial circular interlocked hose is made out of a thicker material which makes it more resistant to abrasion and higher temperatures. The bend radius of this product is larger as the layers are tightly wound to minimise leakage through the seams. There are small indentations on the inside of the hose that prevent it from unwinding when it is cut to length. The bore range is from 1-1/4 (32 mm) to 6 inches (150 mm) inside diameter. The maximum temperature rating is 650 degrees Celsius due to the heavier materials used.

*Applications: exhaust at higher temperatures, dry bulk material handling of abrasive media, fume and dust collection and flexible hose assembly armour casing where a larger bend radius is required or higher temperature protection is needed.*



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Part number	Internal		External mm	Tolerance mm	Weight Kg/m	Material thickness mm	Bend radius mm
	inches	mm					
INTIND-032	1-1/4"	32	36	0.40	0.99	0.35	160
INTIND-038	1-1/2"	38	42	0.40	1.20	0.35	175
INTIND-043	1-5/8"	43	47	0.50	1.32	0.35	190
INTIND-045	1-3/4"	45	49	0.50	1.39	0.35	200
INTIND-051	2"	51	55	0.50	1.59	0.35	240
INTIND-057	2-1/4"	57	61	0.60	1.72	0.35	250
INTIND-065	2-1/2"	65	69	0.60	2.28	0.45	280
INTIND-070	2-3/4"	70	74	0.60	2.48	0.45	330
INTIND-076	3"	76	80	0.80	2.69	0.45	365
INTIND-080	3-5/32"	80	84	0.80	2.87	0.45	368
INTIND-090	3-1/2"	90	94	0.80	3.32	0.45	370
INTIND-101	4"	101	105	1.00	3.63	0.45	430
INTIND-114	4-1/2"	114	118	1.00	4.10	0.45	455
INTIND-127	5"	127	131	1.00	4.37	0.45	485
INTIND-140	5-1/2"	140	144	1.20	5.10	0.45	555
INTIND-150	6"	150	154	1.20	5.40	0.45	590

Because of its design, care should be taken about the installation length and the flow direction of the interlocked hose. The length difference between fully compressed and fully extended may be as great as 15%. Interlocked hose performs best at the midpoint between fully compressed and fully extended. Keep this in mind when you need to work out an overall length of the installation. The flow direction of the interlocked hose can be checked by running your finger in the inside of the hose in fully compressed state; the right direction is the smoother surface feeling. See arrow on our illustration.