



# Sitcoflex-m1

## annular corrugated metal hose

### description

A corrugated flexible metallic hose with close pitch, low height corrugations mechanically formed from continuous line welded precision tube.

For pressure applications, a layer of metallic wire braid is added directly to the hose, using a close weave braid at the optimum angle.

### hose flexibility

Locoer is manufactured generally to the hose requirements of BS EN ISO 10380 -: 2003

Corrugated

Metal Hose of Moderate Flexibility.

### materials of construction

Hose: AISI 304, DIN 1.4301, AFNOR Z7CN 18.09

AISI 316L, DIN 1.4404, AFNOR Z3CND

17.12

Braid: AISI 304, DIN 1.4301, AFNOR Z7CN 18.09

AISI 321, DIN 1.4541, AFNOR Z6CNT18.10

### supply lengths

Standard mill – up to 25 meters

### product codes

For AISI 304 hose - unbraided SIT-18  
 - single braided SIT-19

For AISI 321 hose - unbraided SIT-20  
 - single braided SIT-21

For AISI 316L hose - unbraided SIT-22  
 - single braided SIT-23



mm	nominal bore		outside mm	pressure (bars)		bend radius (mm)		
	Inches	number of braids		nominal	burst	static	dynamic	
8	5/16"	0	11.5	25	480			
		1	13.1	120	-	32	165	
10	7/16"	0	14.5	16	400			
		1	16.1	100	-	38	190	
12	1/2"	0	17	14	360			
		1	18.6	90	-	45	210	
16	5/8"	0	22	12	340			
		1	23.6	85	-	58	250	
20	3/4"	0	25.5	7	240			
		1	27.1	50	-	70	285	
25	1"	0	31.5	6	160			
		1	32.1	40	-	85	325	
32	1 1/4"	0	40	4	140			
		1	42	35		105	300	