

The Product

The Carniaflex flexible tube (gooseneck arm) can be bent into the desired position, which is then maintained without yielding or vibration.

It is made of a steel or stainless steel spring surrounded by an external covering in brass, aluminium or steel.

It is supplied in coils of max 20 mt. in different external (from 4,0 to 25 mm) and internal diameters (from 1,5 to 16 mm) which allow to get different rigidities as specified in the technical sheets.

The flexible tube is available:

- in rolls of 20 mt. max,
- in pre-cutted pieces according to the required length,
- or assembled according to drawing in the most different shapes and lengths.

It can be supplied raw or with a variety of surface finishes according to the material in which it is produced: painted, chrome-plated, nickel-plated, brushed and polished, covered by heat shrinkable poliolefine sleeve or textile or customer material, etc.



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carniaflex  Flex&Stay

Production of high quality
flexible gooseneck arms



ISO 9001
ISO 13485



ISO 14001
ISO 45001

Introduction

Carniaflex "Flex & Stay" has 50 years experience in the development, production and selling all over the world of **flexible metal gooseneck arms**. Flexibility and rigidity are the characteristics of the product which allows to realize bendable supports and protections, able to keep time to time the position required. Constant product research of new technologies allows new solutions availability and the possible areas of use.

Besides its traditional application on microphones and lamps of all kinds, the Carniaflex flexible tube can now be employed in many fields from industrial to medical, automotive to commercial. With their special combination of flexibility and rigidity, flexible tubes can be used to create supports and arms whose position can be adjusted as needed. Moreover electrical cables, optical fibres and tubes for liquids can be located into the gooseneck arm.



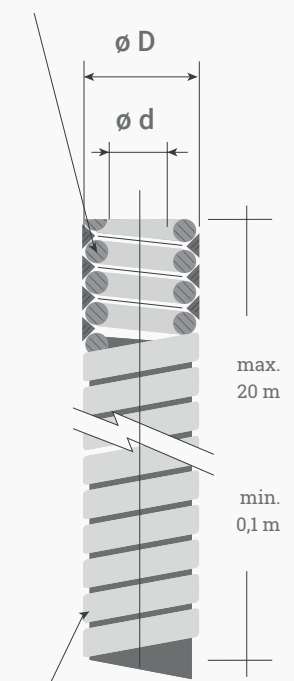
MEMBER OF:
MEDITECH GROUP
MANUFACTURING SOLUTIONS

Fields of use

- Flexible gooseneck holders for monitors, tablets and mobile phones
- Microphone arms and headphones
- Flexible holders for industrial, safety devices and protective screens, for fibre optic
- Antenna's flexible supports
- Flexible holders for medical, electromedical applications, for patient beds and breathing systems
- Industrial supports for machine tools and welding machines
- Flexible holders for lights (table, wall and ceiling), inspection lights and mirrors

FLEXIBLE TUBE		FLEXIBLE ID. AND STRENGTH SCALE							
ø D EXTERNAL mm	ø d INTERNAL mm	ID.	STRENGTH SCALE						
			--	-	=	+	++		
4	1,6	CF 4			B				
4,8	2,3	CF 4,8			B				
5,5	2,6	CF 5,5			B				
5,9	3	CF 6			BM				
6,1	3,2	CF 6			B				
7,1	3,6	CF 7			B				
7,1	3,2	CF 7				R			
7,8	4,4	CF 8			B				
7,9	4	CF 8				R			
8,1	3,8	CF 8						RR	
8,3	4,8	CF 8,5		S					
8,3	4,4	CF 8,5			B				
8,3	4	CF 8,5				R			
9,8	5,3	CF 10			B				
9,8	4,9	CF 10				R			
10,3	6,4	CF 10,5	S						
10,7	6	CF 11			B				
10,8	5,8	CF 11				R			
10,8	5,2	CF 11					V		
10,8	5,2	CF 11						AV	
11,3	6,4	CF 11,5			B				
11,4	5,8	CF 11,5				R			
11,8	6,8	CF 12		S					
11,8	6,2	CF 12			B				
12,7	7,2	CF 13		S					
12,7	6,6	CF 13			B				
12,7	6,2	CF 13				R			
13,8	7,6	CF 14			B				
13,7	7,2	CF 14				R			

Spring
spring steel or stainless steel



Covering
triangle shaped aluminium, steel or brass

FLEXIBLE TUBE		FLEXIBLE ID. AND STRENGTH SCALE							
ø D EXTERNAL mm	ø d INTERNAL mm	ID.	STRENGTH SCALE						
			--	-	=	+	++		
14,8	8,2	CF 15			B				
14,8	7,2	CF 15				R			
17,8	10,2	CF 18			B				
17,8	9,2	CF 18				R			
20,8	12,2	CF 21			B				
20,8	11,8	CF 21				R			
24,8	15,9	CF 25			B				
26,9	18,0	CF 27			B				

Products

The Carniaflex metal flexible tube (gooseneck arm) can keep the designed load and be bent into the desired position, which is then maintained without yielding or vibration.

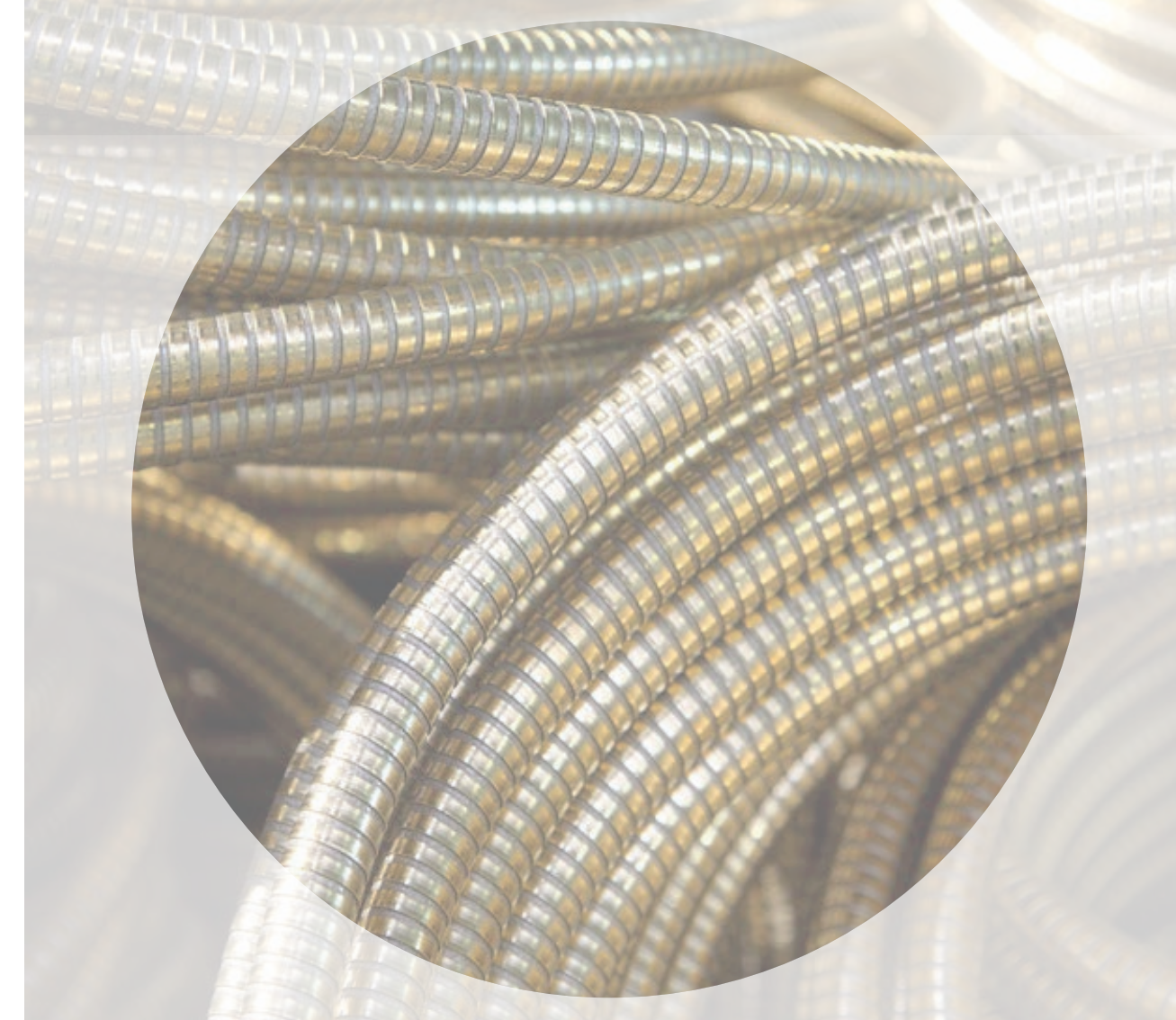
It is made of a steel or stainless steel spring surrounded by an external triangle shaped wire. It is produced in the standard sizes listed in the near table.

It can be supplied:

- already assembled with standard male or female threaded end parts (i.e. ferrules) and/or rigid tubes or according to drawing in different shapes and lengths
- raw in coils of 20 m approx.;
- in cut-to-length pieces;
- raw or with a variety of surface finishes: painted, chrome-plated, nickel-plated, brushed, polished, covered by heat shrinkable sleeve or customer material, etc.



CHECK THE FINISHES



Technical Sheets

Carniaflex flexible gooseneck tubes offer different solutions as for dimensions, resistance to bending, capability to hold weight and surface treatment.

Structural characteristics and application specifications are available also in PDF format (scan the QR code below) with approximate values for the product selection.

Warning: before usage carefully learn instructions for proper use and safety.



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/TECHNICAL-SHEETS

