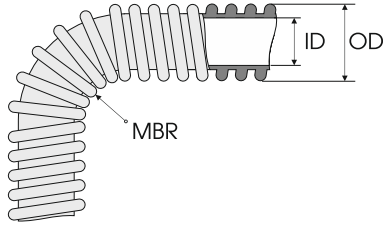
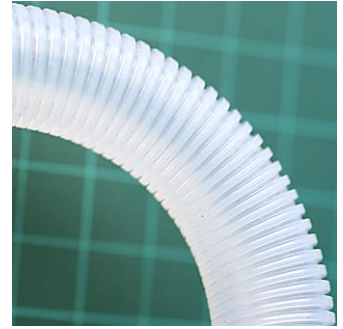


# PTFE Convoluted

## Smooth Bore Convoluted – SBC



**KEY**  
**ID** - Internal Diameter  
**OD** - Outside Diameter  
**MBR** - Minimum Bend Radius  
**TPI** - Turns Per Inch



**Material** PTFE - Polytetrafluoroethylene (CF<sub>2</sub>)<sup>n</sup>  
**Country of Origin** UK  
**HS Code** 39173200  
**ECCN** EU99  
**Shelf Life & Storage** No special requirements

PART CODE	ID		OD		MBR		Weight g/m
	in. ±.030	mm ±.76	in. ±.030	mm ±.76	in.	mm	
<b>SBC6.8</b>	.270	6.8	.354	9.0	1.5	38	41
<b>SBC7.9</b>	.312	7.9	.394	10.0	1.5	38	56
<b>SBC10</b>	.394	10.0	.492	12.5	2	50	70
<b>SBC13.6</b>	.536	13.6	.640	16.2	3	76	110
<b>SBC16.7</b>	.658	16.7	.787	20.0	4	100	161
<b>SBC19.8</b>	.780	19.8	.913	23.2	5	126	179
<b>SBC25.4</b>	1.023	26.0	1.193	30.3	6	150	268

### APPLICATIONS

Our flexible helically formed PTFE Convoluted is widely used in the aerospace and automotive industries for cable harnessing. It is also used for fluid transfer, abrasion protection and thermal insulation. It is ideal for use in areas where there are hazardous chemicals and extreme temperatures.

### SIZE RANGE

We produce a variety of different types of convoluted with bore sizes from 1.5mm to 38mm.

- GT01 - Light Wall
- GT02 - Shallow
- GT03 - Standard
- GT04 - Deep
- GTCRS - Crush Resistant
- SBC - Smooth Bore

### COLOUR RANGE

Convoluted is available in black\* as standard, other colours from our colour range are available on request.

\* SBC is available in natural only.

### PACKAGING

Can be supplied in random lengths on reels or in coils as appropriate. Cut lengths are available along with other options such as cuffed or plugged ends. Please refer to the Value-Added Services section for the full range. If you have any special packaging requirements, please contact our sales team.

### VALUE ADDED SERVICES

- Cut lengths.
- Straightened ends
- Plugged ends.
- Cuffed ends
- Flared ends
- Punched & drilled holes.
- Slitting

### PRODUCT COMPLIANCE

#### European Regulation (EC) No. 1907/2006 The Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

None of the Substances of Very High Concern (SVHC) included in the list of candidates for authorisation published by the European Chemicals Agency are present in concentrations greater than those permitted in any of the products manufactured and supplied by Grange Tubes LLP.

#### Directive (EU) 2017/2102 amending Directive 2011/65/EU - The Restriction of the use of certain Hazardous Substances in electrical and electronic equipment – RoHS3

None of the substances restricted by RoHS3 are present in quantities above those permitted within the regulation in any of the products manufactured and supplied by Grange Tubes LLP.

*DISCLAIMER: The information in this Data Sheet is believed to be correct as of the date issued, no warranty is given as to the fitness of the Product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that such exclusion is permitted by law. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a product, some of which are uniquely within the user's control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. The information is subject to change without notice and replaces all data sheets previously supplied. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Grange Tubes LLP was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict Grange Tubes LLP's liability for death or personal injury resulting from its negligence.*

