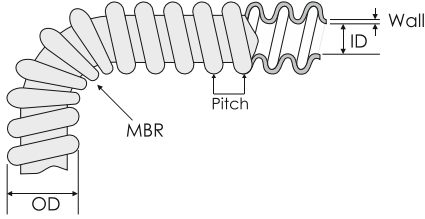


# PTFE Convoluted

## Standard Wall Convoluted – GT03



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



**Material** PTFE - Polytetrafluoroethylene (CF<sub>2</sub>)<sub>n</sub>  
**Applicable Standards** Pan 6627  
**Manufacturer** Grange Tubes LLP  
**Country of Origin** UK  
**HS Code** 39173200  
**ECCN** EU99  
**Shelf Life & Storage** No special requirements

PART CODE	ID Min		ID Nom		OD Max		Wall		MBR		Pitch		Weight
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	
GT03-02	0.059	1.50	0.063	1.60	0.158	4.01	0.015	0.38	0.20	5.08	0.100	2.54	9
GT03-04	0.118	3.00	0.125	3.18	0.256	6.50	0.015	0.38	0.40	10.16	0.100	2.54	14
GT03-06	0.180	4.57	0.187	4.75	0.335	8.51	0.018	0.46	0.75	19.05	0.111	2.82	27
GT03-09	0.270	6.86	0.281	7.14	0.435	11.05	0.022	0.56	1.25	31.75	0.125	3.18	47
GT03-10	0.300	7.62	0.312	7.92	0.465	11.81	0.024	0.61	1.25	31.75	0.125	3.18	62
GT03-12	0.365	9.27	0.375	9.53	0.513	13.03	0.026	0.66	1.50	38.10	0.125	3.18	67
GT03-14	0.425	10.80	0.437	11.10	0.598	15.19	0.026	0.66	1.75	44.45	0.125	3.18	83
GT03-16	0.485	12.32	0.500	12.70	0.650	16.51	0.026	0.66	2.00	50.80	0.125	3.18	85
GT03-20	0.610	15.49	0.625	15.88	0.790	20.07	0.027	0.69	2.50	63.50	0.125	3.18	102
GT03-24	0.730	18.54	0.750	19.05	0.945	24.00	0.030	0.76	3.00	76.20	0.143	3.63	152
GT03-28	0.850	21.59	0.875	22.23	1.105	28.07	0.030	0.76	3.25	82.55	0.167	4.23	200
GT03-32	0.975	24.77	1.000	25.40	1.240	31.50	0.032	0.81	3.50	88.90	0.167	4.23	210
GT03-40	1.220	30.99	1.250	31.75	1.535	38.99	0.035	0.89	4.00	101.60	0.200	5.08	270
GT03-48	1.450	36.83	1.500	38.10	1.800	45.72	0.040	1.02	5.00	127.00	0.333	8.47	410

### 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.

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