

## 1.10 | Encapsulated

### Construction:

A helically convoluted PTFE (polytetrafluorethylene) inner tube, medium wall, with an outer cover of AISI 304 high tensile stainless steel braid.

### Properties:

The hose is virtually resistant to all chemicals, except molten alkali metals or halogens at elevated temperatures. It is non-stick and easy to clean with a temperature range of -70° C to +260° C. The mechanical resistance for vibrations and flexing is excellent. The product is chemically inert, non-ageing and has a very good U.V. resistance. The low co-efficiency of friction ensures low pressure drop. It is non-flammable and FDA. approved for food, cosmetic and pharmaceutical applications.

### Typical Applications:

Encapsulated Teflon is recommended on all tafted flange assemblies when pressure or vacuum are applied.



Size	D1		D2	D3		R	WP	BP	Vacuum	Weight	REF VIRGIN	REF anti-static
	min	max	mm	min	max	mm	Bar	20 °c	mbar	20 °c		
1/4"	5.5	6.9	0.76	11.4	13.3	25	35	170	744	80	TCMB1006	TCAMB1006
3/8"	8.5	10.5	0.76	14.7	16.5	25	35	170	744	123	TCMB1010	TCAMB1010
1/2"	11.6	13.6	0.89	17.9	20.0	25	50	250	887	140	TCMB1012	TCAMB1012
5/8"	15.1	16.4	0.89	24.7	25.8	35	35	170	887	160	TCMB1016	TCAMB1016
3/4"	19.5	20.5	1.00	28.6	31.4	55	60	290	887	390	TCMB1020	TCAMB1020
1"	24.5	25.5	1.10	34.2	38.2	85	40	210	887	540	TCMB1025	TCAMB1025
1 1/4"	31.5	32.5	1.15	41.9	46.1	100	45	210	887	680	TCMB1032	TCAMB1032
1 1/2"	36.5	37.5	1.45	47.2	49.9	120	40	175	887	1110	TCMB1040	TCAMB1040
1 3/4"	44.5	45.5	1.45	55.8	61.4	135	25	135	887	1650	TCMB1045	TCAMB1045
2"	49.5	50.5	1.50	60.5	66.7	165	25	135	887	1710	TCMB1050	TCAMB1050
2 1/2"	62.5	63.5	1.60	80.9	89.1	230	14	60	887	2140	TCMB1065	TCAMB1065
3"	73.5	74.5	1.60	90.4	99.6	260	12	65	887	3310	TCMB1080	TCAMB1080
4"	94.5	99.5	1.82	121.1	127.5	400	10	40	887	4050	TCMB1100	TCAMB1100