



TW210FRIN

Dasheng TW210FRIN tubings are made from irradiated polyolefin material. They are flexible, flame retardant and available in imperial sizes. The tubings are rated for an operating temperature of 125°C and conform to requirements of UL 224. Standard colour is black but other colours are also available on request.

SPECIFICATIONS

Sr	Property	Test Method	Typical Value
1	Tensile Strength	ASTM D412	12 N/mm ²
2	Ultimate Elongation	ASTM D412	300%
3	Heat Shock@ 250° C / 30 min	ASTM D2671	No Cracking / No Flow
4	Low Temp. Flexibility@ -30 ° C	ASTM D2671	No Cracking
5	Flammability	UL 224	VW-1
5	Dielectric Strength	ASTM D149	15kV/mm
6	Dielectric withstand	2.5kV for 60 sec.	No breakdown.
7	Volume Resistivity	ASTM D257	1x10 ¹⁴ Ω – cm
8	Longitudinal Change	ASTM D2671	Inside +/- 5%

RANGE & DIMENSIONS

Size		I. D As supplied		I. D After recovery		Wall After recovery		Spool length	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Ft.	Mts.
3/64"	1.2	0.05	1.3	0.02	0.6	0.017	0.432	984	300
1/16"	1.6	0.07	1.7	0.03	0.8	0.017	0.432	984	300
3/32"	2.4	0.10	2.5	0.05	1.2	0.017	0.432	984	300
1/8"	3.2	0.13	3.3	0.06	1.6	0.022	0.559	984	300
3/16"	4.8	0.20	5.0	0.09	2.4	0.022	0.559	984	300
1/4"	6.4	0.26	6.7	0.13	3.2	0.022	0.559	984	300
3/8"	9.5	0.39	10.0	0.19	4.8	0.022	0.559	492	150
1/2"	12.7	0.51	13.0	0.25	6.4	0.027	0.686	328	100
3/4"	19.1	0.79	20.0	0.37	9.5	0.027	0.686	164	50
1"	25.4	1.02	26.0	0.50	12.7	0.030	0.762	164	50
1 1/4"	31.8	1.30	33.0	0.63	15.9	0.034	0.864	164	50
1 1/2"	38.1	1.57	40.0	0.75	19.0	0.034	0.864	164	50
2"	50.8	2.13	54.0	1.00	25.4	0.038	0.965	164	50
3"	76.2	3.15	80.0	1.50	38.0	0.042	1.070	82	25
4"	101.6	4.21	107.0	2.00	50.8	0.046	1.170	82	25