

Foam Filled Hot Stick



There are a variety of Fiberglass Reinforced Plastic (FRP) constructions used for hot sticks. Included are foam filled tubular sticks used for all products requiring solid construction. Other product applications require hollow tubular sections. Both of these processes meet IEC60855 Standard Specifications for FRP and tube used in live line tools.

Foam filled hot sticks are manufactured using the pultrusion process with cross waving fiber. Hollow hot sticks are produced using a winding or wrapping process. Both methods incorporate fiberglass reinforcement in a epoxy resin matrix which creates a moisture resistant laminate with excellent electrical and mechanical properties.

TID hot stick production is 100% electrically proof tested. Hot Stick blanks pass a test of 100kV/12” (305mm) for 5 minutes without detectable heating prior to being accepted.

1. Size :

Products Code	Dimensions Dia. X Length		ID mm	OD mm	Weight	
	in. X ft	mm X m			lbs.	kg
THSFF 1.25 X 4	1.25 X 4	32 X 1.2	26	32	1.5	0.7
THSFF1.25 X 6	1.25 X 6	32 X 1.8	26	32	2.3	1.0
THSFF1.25 X 8	1.25 X 8	32 X 2.4	26	32	3	1.4
THSFF1.25 X 10	1.25 X 10	32 X 3.0	26	32	3.8	1.7
THSFF1.25 X 12	1.25 X 12	32 X 3.6	26	32	4.5	2.0
THSFF1.25 X 14	1.25 X 14	32 X 4.3	26	32	5.3	2.4
THSFF1.5 X 4	1.5 X 4	38 X 1.2	32	38	2	0.91
THSFF1.5 X 6	1.5 X 6	38 X 1.8	32	38	3	1.1
THSFF1.5 X 8	1.5 X 8	38 X 2.4	32	38	4	1.8
THSFF1.5 X 10	1.5 X 10	38 X 3.0	32	38	5	2.3
THSFF1.5 X 12	1.5 X 12	38 X3.6	32	38	6	2.7
THSFF1.5 X 14	1.5 X 14	38 X 4.3	32	38	7	3.2
THSFF1.5 X 16	1.5 X 16	38 X 4.9	32	38	8	3.6
THSFF1.5 X 18	1.5 X 18	38 X 5.5	32	38	9	4.1
THSFF1.5 X 20	1.5 X 20	38 X 6.0	32	38	10	4.5

2. Important Notes:

When this tool is used as a hot lint tool.it should be used by trained competent personnel that are familiar with work methods and safety procedures characteristic of his industry.

The fiberglass components of this product were tested per IEC60855,However ,moisture,dirt and contamination can reduce dielectric properties.

Please :

Always :follow approved work and safety procedures.

Always:wear recommended safety equipment .

Always:be sure this tool is clean ,dry and functioning properly before using.