

## TELESCOPIC HOT STICKS

The Ritzglas® Triangular shape design Telescopic Hot Stick was designed to provide the working distance and the insulation required to perform routine works in overhead electrical systems, being one of the most useful tools in hot line maintenance.

The standard aluminum universal end fitting is suitable for a wide range of attachments so that the stick can be used to disconnect switches, replace cut-outs, change pole covers, prune trees, replace electrical bulbs and perform many other related works.

The VTT-3HD model offer higher mechanical strength with a considerable reduction of flexibility, enabling the performance of works that require a higher strength.

When using VTT Hot Sticks, the use of ladders or platforms is not required, as the works can be performed directly from ground.

Assembled with epoxy-resin reinforced fiberglass poles, the VTT complies with ASTM F-1826/99.

The high visibility color top sections of VTT and VTT-3HD models are manufactured with Ritzglas® poles with polyurethane foam core that ensures full insulation, even when subject to the most rigorous humidity conditions.

The triangular shape requires no twisting or turning to lock each section, making the opening and closing procedure quick and easy.

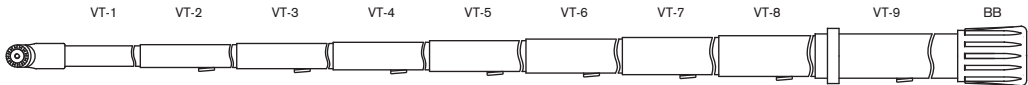
Each VTT is supplied with a rubber ring and seal for fixing the end fitting to prevent the sections from sliding and consequently the extension of the VTT, during transportation.

The third section VT-3 of the VTT model can be replaced by the top section VT-3HD, transforming the VTT Hot Stick into a VTT-3HD Hot Stick, with higher mechanical strength, offering the lineman both models in a single set.



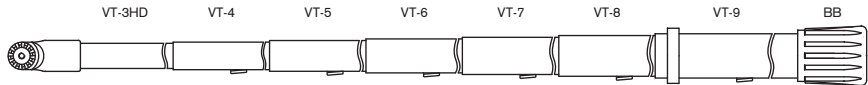
## LIGHT-WEIGHT MODEL

Cat. No.	Qty. of Sections	Ext. Length		Retracted Length		Base Section Ø		Canvas Bag Cat. No. (optional)	Approx. Weight	
		m	ft	m	ft	mm	in		kg	lb
VTT-1/2	2	2.58	8.46	1.43	4.69	33	1.3"	SLT-2/3	1.30	2.87
VTT-1/3	3	3.82	12.53	1.48	4.86	37	1.5"	SLT-2/3	1.90	4.19
VTT-1/4	4	5.10	16.73	1.53	5.00	40	1.6"	SLT-4/5	2.50	5.51
VTT-1/5	5	6.43	21.10	1.59	5.22	45	1.8"	SLT-4/5	3.20	7.05
VTT-1/6	6	7.77	25.49	1.63	5.35	49	1.9"	SLT-6/7	3.90	8.60
VTT-1/7	7	9.16	30.00	1.68	5.50	52	2.0"	SLT-6/7	4.70	10.36
VTT-1/8	8	10.59	34.74	1.74	5.70	56	2.2"	SLT-8/9	5.70	12.57
VTT-1/9	9	12.04	39.50	1.77	5.80	61	2.4"	SLT-8/9	6.90	15.21



## HEAVY-DUTY MODEL

Cat. No.	Qty. of Sections	Ext. Length		Retracted Length		Base Section Ø		Canvas Bag Cat. No. (optional)	Approx. Weight	
		m	ft	m	ft	m	in		kg	lb
VTT-3HD/4	2	2.74	9.00	1.51	4.95	41	1.6"	SLT-4/5	1.80	3.97
VTT-3HD/5	3	4.07	13.35	1.58	5.20	45	1.8"	SLT-4/5	2.50	5.51
VTT-3HD/6	4	5.43	17.80	1.61	5.30	49	1.9"	SLT-6/7	3.20	7.05
VTT-3HD/7	5	6.81	22.30	1.66	5.45	52	2.0"	SLT-6/7	4.00	8.82
VTT-3HD/8	6	8.24	27.00	1.73	5.70	56	2.2"	SLT-8/9	5.00	11.02
VTT-3HD/9	7	9.71	32.00	1.76	5.80	61	2.4"	SLT-8/9	6.20	13.67



The VTT Telescopic Hot Stick must be extended and retracted vertically, with the base resting on ground.

For safety procedure, the OSHA Standard must be considered.