

CASFLAM™ TGGT UL/cUL

Style 5196
+250 °C, 600V



Construction

Type: TGGT wire

Core: nickel-plated copper (2%), nickel-coated copper (27%), or pure nickel

Insulation: PTFE tape with glass serve

Reinforcing braid: varnished fiberglass braid

Production

Range width: AWG 24 to 4/0

Options: Please consult us for any special requirements

Application

Use : high-temperature appliances wiring material

General characteristics

Operating environment: good resistance to thermal shock

Chemical behavior: good resistance to oxidization

Thermal characteristics

Operating temperature: +250 °C

Electrical characteristics

Operating Voltage: 600V

Approvals – Standards

“FT1 flame rating”: as per UL approval

UL approval: as per standard UL 758

Other approval: RoHS Compliant

Casmocable Part No.	Wire gauge (AWG)	Conductor structure # Strands	Wall thickness								Final O.D.		Approx. Wt.	
			Diam. Of Strands		PTFE Tape		Fiberglass Serve		Fiberglass Braid		(in)	(mm)	(lb./kft)	(kg/km)
			(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)				
4310201	24	7	0.008	0.2	0.015	0.38	0.01	0.25	0.008	0.2	0.094	2.4	5	7.07
4310202	22	7	0.01	0.254	0.015	0.38	0.01	0.25	0.008	0.2	0.098	2.5	8	11.90
4310203	20	10	0.01	0.254	0.015	0.38	0.01	0.25	0.008	0.2	0.106	2.7	10	14.88
4310204	18	16	0.01	0.254	0.015	0.38	0.01	0.25	0.008	0.2	0.114	2.9	13	19.35
4310205	16	26	0.01	0.254	0.015	0.38	0.01	0.25	0.008	0.2	0.13	3.3	17	25.30
4310206	14	41	0.01	0.254	0.015	0.38	0.01	0.25	0.008	0.2	0.142	3.6	23	34.23
4310207	12	65	0.01	0.254	0.015	0.38	0.01	0.25	0.008	0.2	0.161	4.1	32	47.62
4310208	10	103	0.01	0.254	0.015	0.38	0.01	0.25	0.008	0.2	0.197	5	48	71.43
4310209	8	163	0.01	0.254	0.015	0.38	0.01	0.25	0.01	0.25	0.236	6	72	107.14
4310210	6	260	0.01	0.254	0.02	0.51	0.015	0.38	0.01	0.25	0.299	7.6	120	178.57
4310211	4	413	0.01	0.254	0.02	0.51	0.015	0.38	0.01	0.25	0.35	8.9	175	260.42
4310212	2	168	0.02	0.5	0.02	0.51	0.015	0.38	0.01	0.25	0.417	10.6	270	401.79
4310213	1	212	0.02	0.5	0.025	0.64	0.02	0.51	0.01	0.25	0.457	11.6	340	505.95
4310214	1/0	268	0.02	0.5	0.025	0.64	0.02	0.51	0.01	0.25	0.524	13.3	420	625.00
4310215	2/0	342	0.02	0.5	0.025	0.64	0.02	0.51	0.01	0.25	0.575	14.6	510	758.93
4310216	3/0	430	0.02	0.5	0.025	0.64	0.02	0.51	0.01	0.25	0.63	16	630	937.50
4310217	4/0	538	0.02	0.5	0.025	0.64	0.02	0.51	0.01	0.25	0.693	17.6	760	1130.96

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