

# CASFLAM™ MGT UL/cUL

**Style 5561**  
-60°C to +550 °C, 600V



## Construction

**Type:** MGT wire  
**Core:** nickel-coated copper (27%) (other conductor materials available)  
**Insulation:** mica tape  
**Reinforcing braid:** varnished fiberglass braid with high-temperature finish

## Production

**Range width:** AWG 24 to 4  
**Options:** Please consult us for any special requirements

## Application

**Household appliances:** cabling for domestic or professional electrical appliances  
**Heating elements:** cabling for heating resistors, cartridges, bands and plates  
**Other(s):** cabling for furnaces, ovens, machines for thermoplastics and rubber, welding stations, ect.

## General characteristics

**Operating environment:** good resistance to thermal shock  
**Chemical behavior:** good resistance to oxidization

## Thermal characteristics

**Operating temperature:** -60°C to +550 °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

Casmo Part No.	Wire gauge	Conductor structure		Wall thickness				Final O.D.		Approx. Wt.		
	(AWG)	# Strands	Diam. Of Strands		Mica Tape		Fiberglass Braid		(in)	(mm)	(lb./kft)	(kg/km)
			(in)	(mm)	(in)	(mm)	(in)	(mm)				
4210101	24	7	0.008	0.2	0.017	0.44	0.008	0.2	0.079	2	3	4.46
4210102	22	7	0.01	0.254	0.017	0.44	0.008	0.2	0.087	2.2	4	5.95
4210103	20	10	0.01	0.254	0.017	0.44	0.008	0.2	0.091	2.3	5	7.44
4210104	18	16	0.01	0.254	0.017	0.44	0.008	0.2	0.102	2.6	9	13.39
4210105	16	26	0.01	0.254	0.017	0.44	0.008	0.2	0.114	2.9	13	19.35
4210106	14	41	0.01	0.254	0.017	0.44	0.008	0.2	0.130	3.3	17	25.30
4210107	12	65	0.01	0.254	0.017	0.44	0.008	0.2	0.146	3.7	23	34.23
4210108	10	103	0.01	0.254	0.023	0.58	0.010	0.25	0.197	5	48	71.43
4210109	8	163	0.01	0.254	0.023	0.58	0.010	0.25	0.232	5.9	72	107.14
4210110	6	260	0.01	0.254	0.023	0.58	0.010	0.25	0.276	7	110	163.69

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