

# CASFLON™ 200 UL/cUL

## Style 1199

-65°C to + 200°C , 600V



### Construction

**Type:** electrical wire

**Core:** bare, tin-plated, nickel-plated, or silver-plated copper

**Insulation:** PTFE

### Production

**Range width:** AWG 30 to 10

**Options:** Please consult us for any special requirements

### Application

**General use:** internal cabling for electrical appliances or electronic appliances

**Industry:** cabling for industrial machines

**Electromechanics:** cabling for rotating machines

**Household appliances:** cabling for household electrical heating appliances

### General characteristics

**Weather conditions:** excellent resistance to UV

**Chemical behaviors:** excellent resistance to aggressive chemical environments

**Humidity:** excellent resistance to humidity

**Mechanical behaviors:** excellent mechanical strength

### Thermal characteristics

**Operating temperature:** -65°C to +200°C

### Electrical characteristics

**Operating Voltage:** 600V

**Test voltage:** 2000 V

### Approvals – Standards

**“Horizontal flame”:** as per UL approval

**“FT1 flame rating”:** as per UL approval

**“VW-1 flame test”:** as per UL approval

**UL approval:** as per standard UL 758

Casmoc Part No.	Wire gauge	Conductor structure			Conductor Diameter		Wall thickness		Final O.D.		Approx. Wt.	
	(AWG)	# Strands	Diam. Of Strands		(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb./kft)	(kg/km)
			(in)	(mm)								
1310401	10	37	0.017	0.43	0.119	3.01	0.020	0.51	0.159	4.03	41.80	62.20
1310402	12	19	0.019	0.49	0.096	2.45	0.020	0.51	0.137	3.47	28.10	41.82
1310403	14	19	0.015	0.37	0.073	1.85	0.020	0.51	0.113	2.87	18.70	24.40
1310404	16	19	0.012	0.3	0.059	1.5	0.020	0.51	0.099	2.52	13.30	16.40
1310405	17	19	0.010	0.26	0.051	1.3	0.020	0.51	0.091	2.32	11.95	14.80
1310406	18	19	0.009	0.23	0.045	1.15	0.020	0.51	0.085	2.17	10.60	13.10
1310407	20	19	0.007	0.19	0.037	0.95	0.020	0.51	0.078	1.97	7.71	11.47
		1	0.031	0.8	0.031	0.8	0.020	0.51	0.072	1.82	7.00	10.42
1310408	22	19	0.006	0.16	0.031	0.8	0.020	0.51	0.072	1.82	5.78	8.60
		1	0.026	0.65	0.026	0.65	0.020	0.51	0.066	1.67	5.03	7.49
1310409	24	7	0.008	0.2	0.024	0.6	0.020	0.51	0.064	1.62	4.49	6.68
		1	0.020	0.5	0.020	0.5	0.020	0.51	0.060	1.52	4.01	5.97
1310410	26	7	0.006	0.16	0.019	0.48	0.020	0.51	0.059	1.50	3.65	5.43
		1	0.016	0.4	0.016	0.4	0.020	0.51	0.056	1.42	3.27	4.87
1310411	28	7	0.005	0.12	0.014	0.36	0.020	0.51	0.054	1.38	2.92	4.35
		1	0.013	0.32	0.013	0.32	0.020	0.51	0.053	1.34	2.78	4.14
1310412	30	7	0.004	0.1	0.012	0.3	0.020	0.51	0.052	1.32	2.53	3.76
		1	0.010	0.254	0.010	0.254	0.020	0.51	0.050	1.274	2.47	3.68

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