

# TOUGHFLEX™ WELDING CABLE

Cable meets the UL VW-1 flame test outlined in UL1581  
Class K stranding/SAE J1127 Stranding3

genErgy™



**ToughFlex™ is designed for all welding assembly applications including stingers, leads and grounds**

- Highly flexible annealed no. 30 gauge bare copper conductor (Class K stranding)
- Insulated with an **EPDM jacket** and **paper separator**
- **Durable jacket resists cuts, tears, abrasion, grease, oil, water, and flames**
- Operating temperatures range from **-50°C to + 105°C (-58°F to + 221°F)**
- **Rated to 600 Volts**
- **National Electrical Code article 630** electric welders
- Stocked lengths: **250 ft. and 500 ft. reels**

**Options:**

Additional gauges; custom indent printing; blue, green, red, and yellow cable jacket colors; custom lengths

**CABLE SPECS**

Part Number	Gauge	Stranding	Insulation Thickness		Nominal O.D.		Shipping Weight
			in.	mm	in.	mm	
WC8	#8	7/24/.010	0.070	1.78	0.300	7.62	87
WC6	#6	7/37/.010	0.060	1.52	0.320	8.13	113
WC4	#4	7/52/.010	0.060	1.52	0.348	8.84	147
WC2	#2	12/52/.010	0.060	1.52	0.420	10.67	236
WC1	#1	12/65/.010	0.080	2.03	0.503	12.78	313
WC1/0	1/0	19/52/.010	0.080	2.03	0.533	13.54	378
WC2/0	2/0	19/65/.010	0.080	2.03	0.586	14.88	463
WC3/0	3/0	19/81/.010	0.080	2.03	0.625	15.88	563
WC4/0	4/0	19/106/.010	0.080	2.03	0.720	18.29	734
WC250	250MCM	19/133/.010	0.100	2.54	0.815	20.70	962
WC350	350MCM	19x7x26/.010	0.100	2.54	0.955	24.26	1310

**AMPCAPACITY GUIDE**

Gauge	50'	75'	100'	125'	150'	175'	200'	225'	250'	300'	350'
#6	100	100									
#4	150										
#2	200	150	100	100							
#1	250/300	200	150		100						
1/0	350	250	200	150		100	100				
2/0	400/450	300	250	200	150		100	100			
3/0	500	350/400	300	250	200	150	150		100		
4/0	550/600	450/500	350/400	300	250	200	200	150	150	100	

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Specifications contained herein reflect current data and are subject to change. Values are nominal and or approximate.