



CHIYODA®

100% COPPER WELDING CABLE

200A - 1000A

PROFESSIONAL CABLE

APPLICATION

CHIYODA is a welding cable used for the connection of welding machine to the welding torch. The 100% Copper Wire is able to transmit large current for a more effective metal welding process. Welding cables are frequently employed in applications outside of the welding industry due to their durability and flexibility.

CONSTRUCTION

Conductor

Flexible stranded plain annealed copper

Insulation

Neutral Ethylene Propylene Rubber (EPR)

Insulation Color

White

Sheath

Chlorosulphinated Polythene Rubber (CSPE)

Sheath Color

Black

CHARACTERISTICS

Testing Voltage

1000V/5min

Max Temperature Rating

70°C

Cable Standard

ROHS Regulation 2002 / 95 / EC



CE

MODEL DETAILS	200 Amp (25mm ²)	300 Amp (35mm ²)	400 Amp (50mm ²)	500 Amp (70mm ²)	600 Amp (95mm ²)	800 Amp (120mm ²)	1000 Amp (150mm ²)
NO. OF CORES	1	1	1	1	1	1	1
DIAMETER OF SINGLE WIRE IN CONDUCTOR (mm)	0.16 ± 0.003	0.18 ± 0.003	0.18 ± 0.003	0.18 ± 0.003	0.18 ± 0.003	0.30 ± 0.005	0.30 ± 0.005
OVERALL DIAMETER (mm)	10.00 ± 0.30	13.00 ± 0.30	15.00 ± 0.30	17.00 ± 0.30	19.00 ± 0.30	21.00 ± 0.30	23.50 ± 0.30
SHEATH THICKNESS (mm)	1.40 ± 0.15	1.40 ± 0.15	1.50 ± 0.15	1.70 ± 0.15	1.90 ± 0.15	1.50 ± 0.15	1.60 ± 0.15