

Kobatek 578

TOP FEATURES

- High chromium-carbide hardfacing electrode designed to withstand high abrasive wear under pressure, combined with medium impacts which are specially caused by coarse sand and hard minerals
- Weld deposit is smooth, of good shape and with little or no slag residues
- Can be machined only by grinding

TYPICAL APPLICATIONS

- Dragline buckets (lips, points, cutting edges, teeth)
- Scraper blades and mixers
- Conveyor chains
- Mixer blades
- Sludge pumps
- Hammers and crushers
- Crusher jaws
- Guide plates
- Dozer and bits
- Clinker chains
- Screw conveyors
- Crushing mills
- Edge runners and chutes
- Moulding screen segments
- Wearing strips



CURRENT TYPE

DC(-); AC

MECHANICAL PROPERTIES, ALL WELD METAL

Hardness
(HRC)

60-63

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
3.2 x 350	150-170
4.0 x 450	190-220

PACKAGING AND AVAILABLE SIZES

Diameter (mm)	Packaging	Net weight/pack (kg)	Item number
3.2 x 350	PE Tube	5.0	78457832
4.0 x 450	PE Tube	5.0	78457840

TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application

Safety Data Sheets (SDS) are available here:



Subject to Change – The information is accurate to the best of our knowledge at the time of printing.
Please refer to www.lincolnelectric.eu for any updated information.