

Classifications

EN ISO 14171-A	AWS A5.17 / SFA-5.17
TZ3	EC1

Characteristics and typical fields of application

diamondspark S 56 HP is a coppered seamless basic flux cored wire with a good resistance to deformation and is very easy to straighten to ensure the best current transfer with a low contact tip wear. The wire is not sensitive to moisture pick up. The weld metal demonstrates good toughness properties at low temperatures, which gives the fabricator the possibility to weld with high heat-input at high welding speed resulting in very high productivity: e.g: single wire 3,2 mm, 800 Amps (~17 kg/hour) with a good bead appearance, nice fusion and good slag detachability. Suitable for tandem configuration (~ 30 kg/hour) with 2 wires (3,2 or 4,0 mm). The wire has been designed especially for combination with UV 400 for multi-run technique as well as 2-run technique. Mechanical properties depend of the applied welding procedure.

Typical fluxes to combine

Process	Name	EN ISO 14174
SAW	UV 400	S A AB 1 67 AC H5

Packaging

Size(s) in mm	Type	Weight
2,4	basket spool	25 kg
3,2	basket spool	25 kg
4,0	basket spool	25 kg

Other sizes and coil weights on request.

