

Save costs with WSW soldering wire from Weller.

The permanent development of Weller soldering wire means that it is now possible to drastically improve the quality of soldering joints. Weller is launching across the world its exclusive, optimized and patented WSW soldering wire in cooperation with the soldering wire manufacturer **almit**

Example calculation: Costs for soldering tips compared with competition

Assumption price for soldering tip: Active tips approx. 20 €, changeable tips approx. 5 €

	Weller WSW	Competition SAC 305
Number of solder cycles per soldering tip	50,000	15,000
Cost per solder joint: Active Tip (cartridge tip)	0.0004 €	0.0013 €
Cost per solder joint: Interchangeable tips from Weller Weller supplies heating technology with interchangeable tips.	0.0001 €	0.00033 €

Potential saving per workstation

Assumption: 50,000 solder joints per week, 1 kg soldering wire, 44 working weeks per year

Potential savings for soldering wire

Active Tip	Weller	Competition
Soldering wire	Weller WSW	Competition SAC 305
Cost per solder joint	0.0004 €	0.0013 €
= Cost per year	880 €	2,860 €
+ Cost soldering wire	3,586 €	2,640 €
=	4,466 €	5,500 €

Potential saving for Weller solder tips + soldering wire

	Weller	Competition
	Interchangeable tips	Active Tip
Cost per solder point	0.0001 €	0.0013 €
= Cost per year	220 €	2,860 €
+ Cost Soldering wire	3,586 €	2,640 €
=	3,806 €	5,500 €

Saving per year 1,034 € ✓

Saving per year 1,694 € ✓



Performance

- WSW soldering wire provides excellent flux properties
- No more solder splatter due to a very even flux distribution
- Reduced Fe leaching
- Fast and homogeneous wetting



Great cost efficiency

Reduction in soldering tip use by around 50 – 70%, in some cases as much as 80%.



Increased service life

Increase in soldering tip service life due to its microalloy finish.



New tip



Weller WSW after 10,000 solder cycles



Competition after 10,000 solder cycles



Maximum flexibility

To guarantee maximum flexibility with soldering wire too, Weller can supply a range of alloys and fluxes as well as various wire diameters. See page 22



Perfect power package



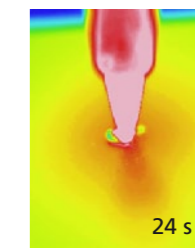
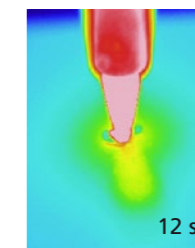
The Weller power package comprising WSW soldering wire and newly developed Weller High Speed (HS) soldering tips makes it possible to complete soldering work which was previously not possible with standard tips.



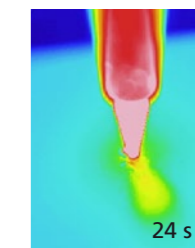
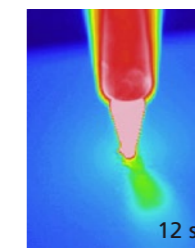
High Speed heat transfer

High Speed soldering tips provide enhanced heat transfer to the solder area.

This new soldering system ensures even and consistent wetting. The use of other soldering wires will result in higher wear and poorer performance.



Weller High Speed solder tip



Weller standard tip

Heat transfer to the solder area
35°C 200°C



Time savings

- Increase in productivity by around two times.
- Fast wetting by improved flux technology.



Great cost efficiency

- Reduction in rework costs.
- Massive reduction in costs per solder joints.
- Increase productivity by improved heat transfer.



Performance

New High Speed tips coupled with newly developed solder provide excellent heat transfer together with a longer tip life.

