WSW SOLDER WIRE
THE PERFECT
SOLDER JOINT

100% FLUX CORE

Designed to enhance the quality of all your soldering jobs, Weller WSW increases productivity, and optimizes your soldering performance. With a guaranteed 100% continuous flux core, combined with pure first metal melting, WSW enables long-term, highly durable solder joints.

PERFORMANCE & PRODUCTIVITY
Optimized performance with a guaranteed and consistent 100% continuous flux core

LOW TOTAL COST OF OWNERSHIP
Up to 70% less reduced tip consumption and provide a low total cost of ownership by saving labor time & ressources due a higher productivity

QUALITY SOLDER JOINTS
Long-term, highly durable soldering joints that will not crack, even on difficult surfaces

TIP WETTING
Fast and homogeneous wetting due to 100% continuous flux core

REDUCED SPLASH
Increase direct user safety as well as workplace cleanliness

FLOW & HEAT PERFORMANCE
Patented alloys guarantees optimal results

MAXIMUM FLEXIBILITY
Wide range of alloys and fluxes as well as various wire diameter



WSW SAC M1

- Alloy Sn96.5Ag3.0Cu0.5, Flux content 3.5%
- Universal solder wire for various applications
- Guaranteed 100% continuous flux core
- Lead-free industry standard with 3% silver content
- Reduced Fe leaching to increase tip life time and reduce tip consumption by up to 70%
- High soldering temperatures possible
- Very fast wetting even on difficult surfaces, as dirty and oxidized materials
- Excellent melting characteristics
- Reduced splash of flux & No-Clean flux

Order Number	Flux classification	Weight in g	Weight in oz	Wire diameter in mm	Wire diameter in inches	Temperature range in C°	Temperature range in F°
T0051386099	M1	500	17.637	1.6	0.063	217 - 221	422.6 - 429.8
T0051386199	M1	500	17.637	1.2	0.047	217 - 221	422.6 - 429.8
T0051402499	M1	100	3.527	1.0	0.039	217 - 221	422.6 - 429.8
T0051388699	M1	250	8.818	1.0	0.039	217 - 221	422.6 - 429.8
T0051386299	M1	500	17.637	1.0	0.039	217 - 221	422.6 - 429.8
T0051402599	M1	100	3.527	0.8	0.031	217 - 221	422.6 - 429.8
T0051388599	M1	250	8.818	0.8	0.031	217 - 221	422.6 - 429.8
T0051386399	M1	500	17.637	0.8	0.031	217 - 221	422.6 - 429.8
T0051388299	M1	100	3.527	0.5	0.019	217 - 221	422.6 - 429.8
T0051386499	M1	500	17.637	0.5	0.020	217 - 221	422.6 - 429.8
T0051388199	M1	100	3.527	0.3	0.012	217 - 221	422.6 - 429.8
T0051386599	M1	500	17.637	0.3	0.012	217 - 221	422.6 - 429.8
T0051386570	M1	10	0.353	0.2	0.008	217 - 221	422.6 - 429.8

WSW SCN M1

- Alloy Sn99.3Cu0.6Ni0.05, Flux content 3.5%
- Silver free alloy = cost effective
- Guaranteed 100% continuous flux core
- Higher strength due to nickel compared to other silver-free alloys
- Reduced Fe leaching to increase tip life time and reduce tip consumption by up to 70%
- Very fast wetting even on difficult surfaces, as dirty and oxidized materials
- High soldering temperatures possible with excellent melting characteristics
- Solder joint shines (perfect optics)
- Reduced splash of flux & No-Clean flux

Order Number	Flux classification	Weight in g	Weight in oz	Wire diameter in mm	Wire diameter in inches	Temperature range in C°	Temperature range in F°
T0051402699	M1	100	3.527	1.0	0.039	228 - 229	442.4 - 444.2
T0051401399	M1	100	3.527	0.8	0.031	228 - 229	442.4 - 444.2
T0051402799	M1	100	3.527	0.5	0.020	228 - 229	442.4 - 444.2
T0051402899	M1	100	3.527	0.3	0.012	228 - 229	442.4 - 444.2
SET T0051402999	M1	21	0.740	0.3 / 0.5 / 0.8	0.012 / 0.020 / 0.031	228 - 229	442.4 - 444.2 SET

WSW SCL0

- Alloy Sn99.3Cu0.7, Flux content 3.5%
- 100% halogen free wire
- Silver free alloy = cost effective
- Guaranteed 100% continuous flux core
- Reduced Fe leaching to increase tip life time and reduce tip consumption by up to 70%
- Good wetting characteristics
- Reduced splash of flux & No-Clean flux

Order Number	Flux classification	Weight in g	Weight in oz	Wire diameter in mm	Wire diameter in inches	Temperature range in C°	Temperature range in F°
T0051387799	L0	500	17.637	1.2	0.047	228	442.4
T0051387899	L0	500	17.637	1.0	0.039	228	442.4
T0051387999	L0	500	17.637	0.8	0.031	228	442.4
T0051388099	L0	500	17.637	0.5	0.020	228	442.4

More Information:
www.weller-tools.com/wsw

WSW SAC L0

- Alloy Sn96.5Ag3.0Cu0.5, Flux content 3.5%
- Guaranteed 100% continuous flux core
- 100% halogen free wire
- Lead-free industry standard with 3% silver content
- Reduced Fe leaching to increase tip life time and reduce tip consumption by up to 70%.
- High soldering temperatures possible
- Good wetting characteristics
- Reduced splash of flux & No-Clean flux

Order Number	Flux classification	Weight in g	Weight in oz	Wire diameter in mm	Wire diameter in inches	Temperature range in C°	Temperature range in F°
T0051386699	L0	500	17.637	1.6	0.063	217 - 221	422.6 - 429.8
T0051386799	L0	500	17.637	1.2	0.047	217 - 221	422.6 - 429.8
T0051388899	L0	250	8.818	1.0	0.039	217 - 221	422.6 - 429.8
T0051386899	L0	500	17.637	1.0	0.039	217 - 221	422.6 - 429.8
T0051388799	L0	250	8.818	0.8	0.031	217 - 221	422.6 - 429.8
T0051386999	L0	500	17.637	0.8	0.031	217 - 221	422.6 - 429.8
T0051388499	L0	100	3.527	0.5	0.020	217 - 221	422.6 - 429.8
T0051387099	L0	500	17.637	0.5	0.020	217 - 221	422.6 - 429.8
T0051388399	L0	100	3.527	0.3	0.012	217 - 221	422.6 - 429.8
T0051387299	L0	500	17.637	0.3	0.012	217 - 221	422.6 - 429.8

WSW SC M1

- Alloy Sn99.3Cu0.7, Flux content 3.5%
- Silver free alloy = cost effective
- Guaranteed 100% continuous flux core
- Reduced Fe leaching to increase tip life time and reduce tip consumption by up to 70%
- Very fast wetting even on difficult surfaces, as dirty and oxidized materials
- Applicable on dirty and oxidized materials
- High soldering temperatures possible
- Excellent melting characteristics
- Reduced splash of flux & No-Clean flux

Order Number	Flux classification	Weight in g	Weight in oz	Wire diameter in mm	Wire diameter in inches	Temperature range in C°	Temperature range in F°
T0051387399	M1	500	17.637	1.2	0.047	228	442.4
T0051387499	M1	500	17.637	1.0	0.039	228	442.4
T0051387599	M1	500	17.637	0.8	0.031	228	442.4
T0051387699	M1	500	17.637	0.5	0.020	228	442.4