



LOCTITE® SOLDER WIRE SOLUTIONS

Available in both solid and cored versions, Henkel's LOCTITE® brand solder wire products have been enabling rework and hand soldering operations for decades. Award-winning multiple flux core technology in our cored wire options distributes flux evenly throughout the solder wire, offering fast wetting and high solder joint reliability. LOCTITE cored wire is available in lead-free, tin-lead and halogen-free formulas. For assemblers who prefer a non-cored option for selective soldering applications, LOCTITE solid wire products are offered in both lead-free and tin-lead options.

CORED WIRE OPTIONS

NUMBER OF CORES	FLUX CONTENT*
1	0.5% - 1.0%**
2	1.0% - 1.2%
3	1.0% - 2.5%
4	2.0% - 2.7%
5	1.7% - 3.0%

*Flux content availability dependent on alloy and diameter

**Other flux content available upon request





CORED WIRES

PRODUCT	DESCRIPTION	APPROXIMATE FLUX CONTENT (% BY WEIGHT)	ALLOY Pb-FREE	ALLOY SnPb	IPC J-STD-004B CLASSIFICATION
Halogen-Free, No-Clean					
LOCTITE C 400	Clear residue, cored solder wire with increased flux content for improved wetting on challenging surfaces. Features the award-winning multiple flux core technology that ensures consistent distribution of flux throughout the solder wire. Suitable for manual and robotic soldering.	2.2	90iSC 99C SAC305 SAC387	Sn60 Sn62 Sn63	ROLO
Halide-Containing, No-Clean					
LOCTITE C 502	Clear residue, cored solder wire with medium activity flux with good wetting on difficult substrates.	2.7	99C SAC305 SAC387	Sn60 Sn62 Sn63	ROM1
LOCTITE C 511	Amber residue, heat stable, cored solder wire. Good wetting on difficult substrates.	2.7	99C SAC305 SAC387	Sn60 Sn62 Sn63	ROM1
Halide-Containing, Water Wash					
LOCTITE HYDX	High activity, flux-cored solder wire with excellent wetting on difficult substrates.	2.0	99C SAC305 SAC387	Sn60 Sn62 Sn63	ORH1

SOLID WIRES

PRODUCT	SILVER CONTENT (%)	DIAMETER* (mm)	ROHS COMPLIANT
Pb-Free			
LOCTITE SWR 90ISC	3.8	3	Yes
LOCTITE SWR 965C	3.8	3	Yes
LOCTITE SWR 975	0	3	Yes
LOCTITE SWR 99C	0	3	Yes
LOCTITE SWR SAC0307	0.3	3	Yes
LOCTITE SWR SAC305	3.0	3	Yes
SnPb			
LOCTITE SWR SN63	0	3	No

*Other diameters for certain products available upon request



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Around the Globe.** 
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