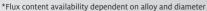


## LOCTITE® SOLDER WIRE SOLUTIONS

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%		



<sup>\*\*</sup>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-F	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 96SC	3.8	3	Yes				
LOCTITE SWR 97S	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				

<sup>\*</sup>Other diameters for certain products available upon request



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