

## SOLDER PASTE PRODUCT GUIDE

Oxford Solders pastes are designed and manufactured with advanced understanding of paste technology and the underpinning sciences of chemistry, physics and metallurgy. Our teams have over 150 years combined experience of paste technology ranging from base solder alloys to powder manufacture to flux and paste manufacture to SMT applications engineering.

Oxford Solders **OXQ series** is designed to deliver ultimate performance to SMT factories for lead free processing whilst the **OXPro series** offers continuing excellence in tin/lead soldering. We take pride not only in the quality of our products but also in the excellence of our technical service. We are focused on the Asia market and give direct technical support and training in all aspects of SMT applications engineering, trouble shooting and use of our products - *including on-site support where necessary.*

Application	Product Name	Tin Lead			Lead Free				Powder Type			Metal %	Flux Activity J-STD-004	Viscosity Brookfield @ 5RPM Kcps (+-5%)	*Halide content (ppm)	
		Sn 63 / Pb 37	Sn 62 / Pb 32 / Ag 2	Sn 62.8 / Pb 36.8 / Ag 0.4	SAC 305	SAC 387	SAC 105	SAC 405	Type 3	Type 4	Type 5					
<b>LEAD FREE</b>																
Universal Wide Process Window	<u><a href="#">OXQ 320</a></u>				x	x	x	x	x	x		88.5	ROL-0	950	0	
Universal High Soak	<u><a href="#">OXQ 325</a></u>				x	x	x	x	x	x		89.0	ROL-0	1100	0	
Microfine Wide Process Window	<u><a href="#">OXQ 330</a></u>				x	x				x	x	88.5	ROL-0	980	0	
Low Alpha Wafer Bumping	<u><a href="#">OXQ 340</a></u>				x	x				x	x	89	ROL-0	1200	0	
Universal Water Soluble	<u><a href="#">OXQ WS767</a></u>				x	x	x	x	x	x		89	ORH-0	1150	<100	
<b>TIN LEAD</b>																
Universal Wide Process Window	<u><a href="#">OXPro 525</a></u>	x	x	x						x	x	89.5	ROL-0	1150	0	
Universal Dispensing	<u><a href="#">OXPro 530D</a></u>	x	x	x						x	x	85	ROL-1	450	0	
Universal Water Soluble	<u><a href="#">OXPro WS747</a></u>	x	x	x						x		90	ORH-0	1200	0	
High Flow Water Soluble	<u><a href="#">OXPro WS757</a></u>	x	x	x						x	x	90	ORH-0	1250	<100	

\* By titration

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