



		pH Range ACIDIC				
Area of Application		Cleaning Agent	1.12 SMT	1.14 Cu US SMT	2.1 SMT	Z40
			1.12 SMT SP	1.14 Cu SP SMT	2.1 US SMT (Passivierung)	
Material		Ultrasonic Cleaning	1.12 SMT	1.14 Cu US SMT	2.1 SMT	
		Spray Cleaning	1.12 SMT SP	1.14 Cu SP SMT	2.1 US SMT	
		CnP Process	n.a.	n.a.	n.a.	
Stainless steel Titanium, Ceramics	1		X	X	X	for enhanced cleaning performance of Olschner Optimal 1.12 SMT and for pH adjustment of Olschner Optimal 9.3 / 9.4 products
Aluminium, Plastics	2		X	X	X	
Nickel	3					
Copper Alloys	4		X	X	X	
PCB	5					
parts vulnerable to corrosion	6				X	

As a GERNERALL RULE, prior consultation is required. Due to the wide range of possible applications, compatibility with materials cannot be guaranteed !!!



		pH Range NEUTRAL			
Material	Area of Application	Cleaning Agent	7.0 spezial SMT 7.0 spezial SP	9.3 US SMT 9.3 SP SMT 9.3 SP SMT CnP	9.4 US SMT 9.4 SP SMT 9.4 SP SMT CnP
		Ultrasonic Cleaning	7.0 spezial SMT	9.3 US SMT	9.4 US SMT
		Spray Cleaning	7.0 spezial SP	9.3 SP SMT	9.4 SP SMT
		CnP Process	n.a.	9.3 SP SMT CnP	9.4 SP SMT CnP
Stainless steel Titanium, Ceramics	1		X	X	X
Aluminium, Plastics	2	Maintain a pH value of max. 7,2 If necessary, adjust the pH value with Z40 DIRECTLY in the bath	X	X	X
Nickel	3	Maintain a pH value of 7 – 9 If necessary adjust the pH value with 14.0 DIRECTLY in the bath	X	X	X
Copper Alloys	4		X		
PCB	5		X		
parts vulnerable to corrosion	6			X	X

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			pH Range ALKALINE			
Area of Application		Cleaning Agent	14.0	15.2	15.7 VP	Korrosionsschutz SMT
Material		Ultrasonic Cleaning				
		Spray Cleaning		n.a.	n.a.	n.a.
		CnP Process		n.a.	n.a.	n.a.
Stainless steel Titanium, Ceramics	1		For pH value adjustment of the following products Olschner Optimal 9.3 / 9.4 / 7.0 spezial	X	X	X
Aluminium, Plastics	2					
Nickel	3			X	X	
Copper Alloys	4					
PCB	5					
parts vulnerable to corrosion	6					

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