

CLEANING TECHNOLOGY

Made in Germany

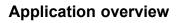
MultiEx[®] A12

Multifunctional aqueous alkaline broadband cleaning detergent particularly for flux and paste

Part No. 090607-RM25 // Contents: 25 I









Power electronics Misprints (mounted)





Solder frames Solder carriers Solder masks



ESD boxes Containers Magazines



Condensation traps Filters Steel sheets

Contaminations		
Adhesive / Glue	+	
Solder paste	++	
Flux	++	
Thermal compounds	_	
Grease / Oil	++	
Coating / Varnishing	_	
Machine Technologies		
Spray-in-air / (PowerSpray®)	++	
Spray-in-immersion	++	
Air-in-immersion (AirFlow®)	++	
Ultrasonic systems	+	
Manual application	0	
++ = ideal for application, + = recommended,		

o = optionally applicable, - = not recommended

Note: The spreadsheet only shows a general overview of the product specifications.

Cleaning tests are reasonable to determine the optimum cleaner configuration. Such tests may be carried out directly at the kolb demonstration center in Willich / Germany or Shanghai / China or can be initiated by contacting your local kolb partner.

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kolb Cleaning Technology GmbH • Karl-Arnold-Str.12 • D - 47877 Willich (Germany) • Phone +49 (0) 2154 9479 - 38 • e-mail: info@kolb-ct.com • www.kolb-ct.com Page 1 of 1 02/24

PCBAs, Hybrids

Stencils

OLEHUIS		
Screens		
Misprints	(bare	boards)

Technical data		
Color	transparent	
pH-value at 20 °C	11,0	
Conductance at 20 °C	< 50 µS/cm	
Flash point	> 100 °C	
VOC content	< 20 %	
Water solubility	easily soluble	
Application	undiluted	
Application temperature	20 - 45 °C	
Storing (in original container)	10 - 30 °C	
CLP / GHS	not classified as hazardous	

MultiEx® A12 cleans particularly flux and paste thorough and with best material protection from assembled PCBs, misprints, screens, solder frames, solder pallets, ESD boxes, PCB magazines.

ReadyMix for direct use in a cleaning system

kolb MultiEx® A12 is compliant with all worldwide legal regulations and directives (REACH, RoHS, TSCA etc.) on the basis of own internal checks, analyses provided by suppliers and / or material certifications of the raw materials used in the production of kolb Cleaning Technology GmbH.