

RoHS Position Statement

Quantic Paktron (Paktron) manufactures and sells products according to EU RoHS Directives 2011/35/EU (RoHS 2) and its amendment 2015/863/EU (RoHS 3), and China RoHS 2 (GB/T 26572-2011) as denoted below.

RoHS-9

Standard Product

Angstor, Capstick and Surfilm (RA, RB, , CB, CS, ST3 and ST4):

These products are supplied to Paktron's target sales markets on a RoHS-9 compliance level and that the information submitted is true and accurate. RoHS-9 means that the content of nine (9) RoHS banned materials (Cd, Hg, CrVI, PBB, PBDE, DEHP, BBP, DPB, and DIPB) are under the industry-defined limits stated below. RoHS-9 compliant products have Pb in the termination (secondary interconnect: i.e., terminal leads and lead frames) and match conventional SnPb board assembly requirements for those markets exercising Pb solder exemptions.

RoHS-10

Standard Product

Quencharc and Surfilm (QA, QB, QC, QD, QE, QH, QRL, QV, ST2824 and ST3827):

These products are supplied by Paktron on a full RoHS-10 compliance level and that the information submitted is true and accurate. These Paktron products do not contain any of the ten (10) RoHS banned chemicals, compounds, or elements listed in levels exceeding the industry-defined limits stated below.

Special Lead-Free Product

Angstor, Capstick and Surfilm (RA, RB, RS, CB, CS, ST3 and ST4):

These products are supplied by Paktron on a full RoHS-10 compliance level, on a specialized part number basis (consisting of an added suffix of -F?; with the ? assigned at time of order/quote), and that the information submitted is true and accurate. Paktron's special lead-free products do not contain any of the ten (10) RoHS banned chemicals, compounds, or elements listed in levels exceeding the industry-defined limits stated below.

The maximum reflow temperature for surface mount product remains at 220°C while the maximum wave solder temperature for thru-hole product is 260°C. The maximum reflow temperature for surface mount product with the "-FS" suffix is 245°C.

RoHS-9	RoHS-10	Max Limit	Chemical, Compound or Element Content
		0.1% by weight (0.1w percent or 1000 ppm)	<ol style="list-style-type: none"> 1. Polybrominated Diphenyl Ethers (PBDE); C₁₂H_(10-y)Br_yO Pentabromodiphenyl ether (PentaBDE) – CAS number 32534-81-9; C₁₂H₅Br₅O Octabromodiphenyl ether (OctaBDE) – CAS number 32536-52-0; C₁₂H₂Br₈O Decabromodiphenyl ether (DecaBDE) – CAS number 1163-19-5; C₁₂Br₁₀O 2. Polybrominated Biphenyls (PBB) Decabromobiphenyl (DeBBB) – CAS number 13654-09-6; C₁₂H_(10-x-y)Br_{x+y} 3. Mercury – CAS number 7439-97-6; Hg 4. Hexavalent Chromium – CAS number 18540-29-9; CrVI 5. Bis(2-Ethylhexyl) phthalate (DEHP) – CAS number 117-81-7 6. Benzyl butyl phthalate (BBP) – CAS number 85-68-7 7. Dibutyl phthalate (DBP) – CAS number 84-74-2 8. Diisobutyl phthalate (DIBP) – CAS number 84-69-5
		0.01% by weight (0.01w percent or 100 ppm)	<ol style="list-style-type: none"> 9. Cadmium – CAS number 7440-43-9; Cd
		0.1% by weight (0.1w percent or 1000 ppm)	<ol style="list-style-type: none"> 10. Lead – CAS number 7439-92-1; Pb



Indicates that said hazardous substance contained in all of the homogenous materials for this type part is below the RoHS specified limit requirement.



Indicates that said hazardous substance contained in at least one of the homogeneous materials used for this type part is above the RoHS specified limit requirement.

This declaration is based on Paktron's current understanding of the RoHS Directive and information provided through supplier material declarations.

Authorized Agent for Company

Melaney Davis, Quality Manager

Date:

4/10/23