

## Product Regulatory Compliance - Chemical Requirement

Product		RoHS (2015/863)		REACH - 250			Prop 65	EPA PFAS	EU POP (2019/1021)	TSCA <sup>+</sup>
Latest update		7/22/2021		6/25/2025			1/3/2025	430 list	6/15/2020	10/31/2024
		No exemption	Exemption	SVHC	Authorization	Restricted				
Polarizer (bare)		Compliant	←	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant
Polarizer with cover glass		Compliant	←	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant
Polarizer assembly or with mount		Compliant	←	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant
AP3/AP5 products(customer provided mount)		Compliant	←	Compliant	Compliant	Compliant	Moxtek parts are compliant	Compliant	Compliant	Compliant
AP3/AP5 products(Moxtek provided mount)		Compliant	←	Compliant	Compliant	Compliant	*, Ni	Compliant	Compliant	Compliant
Beryllium Window Products - unmounted		Compliant	←	Compliant	Compliant	Compliant	Be	Compliant	Compliant	Compliant
Beryllium Window Products - mounted (customer provided mount)		Compliant	←	Compliant	Compliant	Compliant	Be Customer parts?	Compliant	Compliant	Compliant
Beryllium Window Product - mounted (Moxtek provided mount)		Compliant	←	Compliant	Compliant	Compliant	Be, *, Ni	Compliant	Compliant	Compliant
Proline Products		Compliant	←	Compliant	Compliant	Compliant	*, Compliant	Compliant	Compliant	Compliant
Detector, Endcap		→	Compliant Annex IV(1)	Pb in TEC cooler	Compliant	Compliant	Pb, Be, *, Ni	Compliant	Compliant	Compliant
Detector, Window/Endcap, Printed Circuit Assembly		→	Compliant Annex IV(1)	Pb in TEC cooler	Compliant	Compliant	Pb, Be, *, Ni	Compliant	Compliant	Compliant
Detector, Window/Endcap, Printed Circuit Assembly, XT Heatsink		→	Compliant Annex IV(1)	Pb in TEC cooler	Compliant	Compliant	Pb, Be, *, Ni	Compliant	Compliant	Compliant
Detector, Window/Endcap, Printed Circuit Assembly, BT Heatsink		→	Compliant Annex IV(1)	Pb in TEC cooler	Compliant	Compliant	Pb, Be, *, Ni	Compliant	Compliant	Compliant
Tube products (bare tube)		Compliant	←	Compliant	Compliant	Compliant	Be	Compliant	Compliant	Compliant
Tube products (with power supply)	Brass shielding	→	Compliant Annex IV(5)	Pb in alloy	Compliant	Compliant	Be, Pb	Compliant	Compliant	Compliant
	Bi shielding	Compliant	←	Compliant	Compliant	Compliant	Be	Compliant	Compliant	Compliant
	Bi & Pb shielding	→	Compliant Annex IV(5)	Pb in X-ray shielding	Compliant	Compliant	Be, Pb	Compliant	Compliant	Compliant

Tube products (without power supply)	Bi shielding	Compliant	←	Compliant	Compliant	Compliant	Be	Compliant	Compliant	Compliant
	Bi & Pb shielding		→	Compliant Annex IV(5)	Pb in X-ray shielding	Compliant	Compliant	Be, Pb	Compliant	Compliant
<p>* - The part has Cr in the alloy, but there is no hexavalent Cr      + - PIP/PIP3:1, DBDE/DecaBDE, HCBD, PCTP, TTBP/2,4,6-TTBP</p>										

**Be = Beryllium, Bi = Bismuth,**  
**Cr = Chromium, Ni = Nickel**  
**Pb = Lead**

The above designations are true to the best of my knowledge.

**Robert Stillwell**  
EHS Manager  
updated 07/08/2025