



X-Hi-DurAR™

HIGH DURABILITY THORIUM FREE BBAR COATING

Substrate material	Ge, Si, ZnS, ZnSe & CaF2
Spectral range	MWIR 3-5μm
Spectral Specification	Tavg>98% and Tabs>94% thru both surfaces Ravg<0.5% per surface from 0 to 30deg AOI
Durability, Abrasion, Adhesion	per MIL-C-48497 / MIL-PRF-13830B
Salt solubility	4.5.5.2 / C.4.5.7
Humidity	4.5.3.2 / C.4.5.8
Salt fog(spray)	C.4.5.9 (MIL-STD-810F, Method 509.4)
Temperature	4.5.4.1
Solubility and Cleanability	4.5.4.2
Severe Abrasion	4.5.5.1 / C.4.5.10
Adhesion	4.5.3.1 / C.4.5.12

