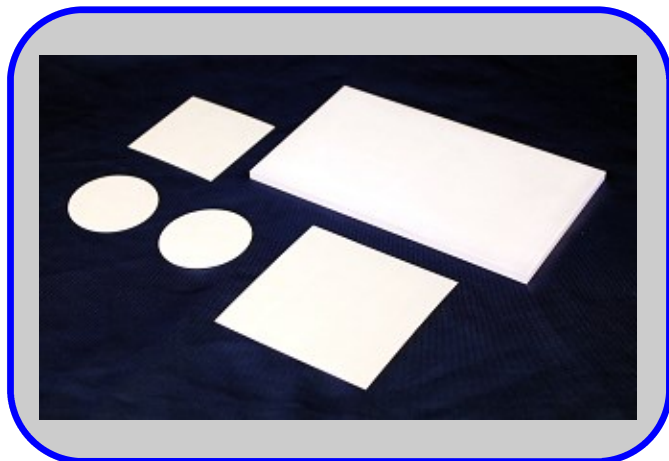


Zinc Sulphide Coated Sheets and Discs



Eljen Technology offers three products specifically for neutron detection which possess an intrinsic low sensitivity for gamma radiation. EJ-410 is a detector for fast neutrons, composed of an acrylic disc embedded with concentric rings of ZnS:Ag scintillator. EJ-420 and EJ-426 are detectors for thermal neutrons and both are composed of a matrix of ZnS:Ag and Li6. EJ-420 is offered as a disc, while EJ-426 is offered as either disc or sheet material with a variety of support backing materials.

ZINC SULPHIDE COATED PRODUCTS			
Material	Description/Application	Commercial Equivalents	
		NE	S-G
EJ-440	ZnS:Ag coated 0.25mm thick polyester sheets and discs	-	-
EJ-442	ZnS:Ag coated acrylic plastic or glass	-	-
EJ-444	ZnS:Ag coated EJ-212 plastic scintillator	-	-
EJ-600	ZnS:Ag coated phosphor powder	-	-