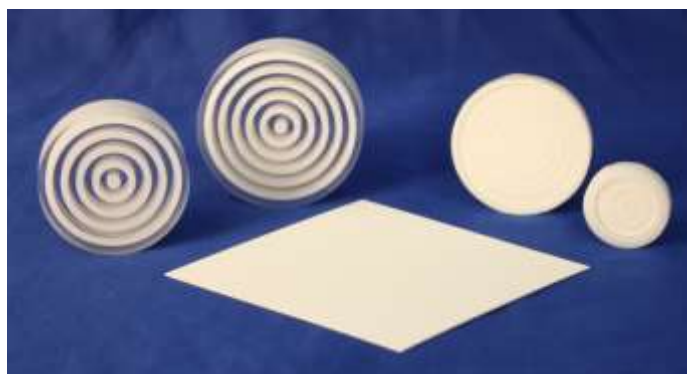


Neutron Detectors



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.

NEUTRON DETECTOR PRODUCTS

Material	Description/Application	Commercial Equivalents	
		NE	S-G
EJ-410	Fast neutron detector	NE-451	BC-720
EJ-420	Thermal neutron detector	NE-422	BC-702
EJ-426	Thermal neutron detector sheet	-	-