



**Materials:**

**Ductile Iron**  
**Stainless Steel**  
**Bronze**  
**Gray Steel**

**Polyethylene**  
**Lead**  
**doped with**  
 **$B_4C$ ,  $B_2O_3$**   
 **$H_3BO_3$  or  $LiF$**   
**Steel**

**Thickness:**

**10-20 Interaction lengths**

**5-8 cm**

**3 cm**