

## Dual Angle Radiation Safety Shields

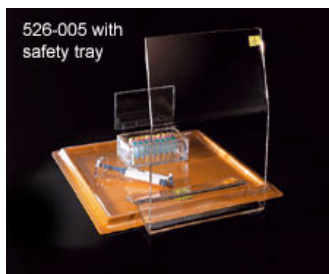
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526-005 with safety tray



526-109 with 526-078, shown with safety tray

### Jencons-PLS, Radiation Protection Shielding

Beta emissions of  $^{32}\text{P}$ ,  $^{35}\text{S}$ ,  $^3\text{H}$  and  $^{14}\text{C}$  can be effectively blocked by 10mm thick optical acrylic. All Jencons-PLS Beta shielding is manufactured from heavy gauge 10mm thick acrylic.

Where shielding is required for protection against Gamma emissions of [ $^{125}\text{I}$ ] Iodine and other Gamma emitters of lesser energy, a 12mm thick lead acrylic is required. This is the heavy gauge lead acrylic Jencons-PLS uses for its Gamma shielding products.

### Dual Angle Radiation Safety Shields

Clear acrylic shield for work requiring standing observation. Shields with large base for under bench protection and with curved base for use with our safety containment trays. A 3-sided shield can be used in conjunction with the Beta shields providing further protection.

Cat. No.	Description	Shield (hwxw), mm	Base (dwxw), mm
526-074	Beta fixed 45° angle shield with flat base	450x300	300x300
526-005	Beta fixed 45° angle shield with curved base	450x300	150x300
526-108	Beta fixed 45° angle shield with flat base	600x355	300x355
526-109	Beta fixed 45° angle shield with curved base	600x355	150x355
526-110	Gamma fixed 45° angle shield with flat base	450x300	300x300
526-004	Gamma fixed 45° angle shield with curved base	450x300	150x300
526-111	Gamma fixed 45° angle shield with flat base	600x355	300x355
526-112	Gamma fixed 45° angle shield with curved base	600x355	150x355
526-078	Beta shield, three-sided	500x460x300	—

Safety trays and liners for these shields are available, see Cat. items 526-016 to 526-526-021.

### Important Safety Notice

Lead acrylic is meant for [ $^{125}\text{I}$ ] and related Gamma blockage only. When Beta emitting particles such as [ $^{32}\text{P}$ ] or [ $^{35}\text{S}$ ] are exposed to heavy metals such as lead, dangerous Bremsstrahlung X-rays are produced.

### Specials

Custom-made shields and accessories in 10mm standard and 12mm lead impregnated acrylic are available. Please contact our Technical Office for details on 01342 826836.