

Radiation Protection

BENEFITS INCLUDE

- 10mm clear optical acrylic or 12mm lead acrylic for unobstructed view
- Choice of angle to suit location
- Most shields available in two sizes - small and large
- Large flat base models for under-bench protection
- Curved base models are compatible with Scie-Plas safety tray



TECHNICAL SPECIFICATION

	Dimensions (upright and horizontal)
Beta 10mm acrylic	
Gamma 12mm lead acrylic	
RPP-S015	540 x 350mm
Base	350 x 540mm
RPP-GS015	540 x 350mm
Base	350 x 540mm
RPP-GS015T (35mm lead acrylic)	540 x 350mm
Base	350 x 540mm

CUSTOM BUILT PRODUCTS AVAILABLE,
CONTACT SALES@SCIE-PLAS.CO.UK



Shielding

Many different styles and sizes of shield are available depending on the requirements of the user. Most shields are available in two sizes, small 450 x 300mm and large 530 x 350mm, and have either a large flat base, 300mm deep, for under-bench protection or a curved base, 120mm deep, for use with a Scie-Plas safety tray.

Adjustable 0 to 15° angle



These shields are easily adjusted from an upright position to an angle of 15° depending on the application required. They can also be used in either wide or a tall position. When configured in a horizontal position, it creates a convenient side shield. The standard 12mm thick Gamma shield can be used with ¹²⁵I while a thicker 35mm shield can be used with isotopes of higher energy.

ORDERING INFORMATION

Adjustable angle Beta shield	RPP-S015
Adjustable angle 12mm thick Gamma shield	RPP-GS015
Adjustable angle 35mm thick Gamma shield	RPP-GS015T



Fixed Angle Shielding

Fixed 15° angle shields provide clear, non-distorted vision, reducing light images and shadows especially when the user is in a seated position. They are available in two sizes, small or large, with either a large flat base to provide under bench protection or a curved base, which fits conveniently over safety trays.

ORDERING INFORMATION

Small fixed 15° angle shield - flat base, Beta	RPP-S15S
Small fixed 15° angle shield - curved base, Beta	RPP-S15SC
Small fixed 15° angle shield - flat base, Gamma	RPP-GS15S
Small fixed 15° angle shield - curved base, Gamma	RPP-GS15SC
Large fixed 15° angle shield - flat base, Beta	RPP-S15L
Large fixed 15° angle shield - curved base, Beta	RPP-S15LC
Large fixed 15° angle shield - flat base, Gamma	RPP-GS15L
Large fixed 15° angle shield - curved base, Gamma	RPP-GS15LC

Hourglass Shields



Hourglass shields have identical features to the fixed 15° angle shields but are cut in an hourglass shape. The curved sides provide the user with easier access to the central area behind the shield.

ORDERING INFORMATION

Hourglass shield - flat base, Beta	RPP-SH
Hourglass shield - curved base, Beta	RPP-SHC
Hourglass shield - flat base, Gamma	RPP-GSH
Hourglass shield - curved base, Gamma	RPP-GSHC

FEATURES AND BENEFITS

- 10mm clear optical acrylic or 12mm lead acrylic for an unobstructed view
- Most shields available in two sizes - small and large
- Large flat base models for under-bench protection
- Curved base models are compatible with Scie-Plas safety trays.

TECHNICAL SPECIFICATION

Beta 10mm acrylic Gamma 12mm lead acrylic	Dimensions (upright and horizontal)
RPP-S15S Base	450 x 300mm 300 x 300mm
RPP-S15SC Base	450 x 300mm 150 x 300mm
RPP-GS15S Base	450 x 300mm 300 x 300mm
RPP-GS15SC Base	450 x 300mm 150 x 300mm
RPP-S15L Base	530 x 350mm 350 x 300mm
RPP-S15LC Base	530 x 350mm 150 x 350mm
RPP-GS15L Base	530 x 350mm 350 x 300mm
RPP-GS15LC Base	530 x 350mm 150 x 350mm

TECHNICAL SPECIFICATION

Beta 10mm acrylic Gamma 12mm lead acrylic	Dimensions (upright and horizontal)
RPP-SH Base	450 x 300mm 300 x 300mm
RPP-SHC Base	450 x 300mm 150 x 300mm
RPP-GSH Base	450 x 300mm 300 x 300mm
RPP-GSHC Base	450 x 300mm 150 x 300mm

Radiation Protection



TECHNICAL SPECIFICATION

Beta 10mm acrylic Gamma 12mm lead acrylic	Dimensions (upright and horizontal)
RPP-BGSC	530 x 350mm
Base, Beta / Gamma	150 x 300mm

TECHNICAL SPECIFICATION

Beta 10mm acrylic Gamma 12mm lead acrylic	Dimensions (upright and horizontal)
RPP-S45S	450 x 300mm
Base	300 x 300mm
RPP-S45SC	450 x 300mm
Base	150 x 300mm
RPP-GS45S	450 x 300mm
Base	300 x 300mm
RPP-GS45SC	450 x 300mm
Base	150 x 300mm
RPP-S45L	600 x 350mm
Base	350 x 300mm
RPP-S45LC	600 x 350mm
Base	150 x 350mm
RPP-GS45L	600 x 350mm
Base	350 x 300mm
RPP-GS45LC	600 x 350mm
Base	150 x 350mm

Beta/Gamma Duo-Shields

Beta and Gamma duo-shields provide the convenience of ^{32}P and ^{125}I protection from one shield. They are comprised of 12mm lead acrylic fastened by 4 nylon pins to 10mm acrylic to form a combined shield with excellent optical properties. The problem of Bremsstrahlung generation from the lead acrylic is eliminated as virtually all Beta radiation is removed before the Beta particles (electrons) reach the lead-acrylic layer. Featuring a curved base, duo-shields are compatible with the full range of Scie-Plas safety trays.

ORDERING INFORMATION

Duo-shield - curved base, **Beta / Gamma**

RPP-BGSC



Fixed 45° Angle Shields

Fixed 45° angle shields provide clear, non-distorted vision reducing light images and shadows, especially when the user is in a standing position. They are available in two sizes, small or large, with either a large flat base to provide under bench protection or a curved base, which fits conveniently over safety trays.



ORDERING INFORMATION

Small fixed 45° angle shield - flat base, Beta	RPP-S45S
Small fixed 45° angle shield - curved base Beta	RPP-S45SC
Small fixed 45° angle shield - flat base Gamma	RPP-GS45S
Small fixed 45° angle shield - curved base Gamma	RPP-GS45SC
Large fixed 45° angle shield - flat base Beta	RPP-S45L
Large fixed 45° angle shield - curved base Beta	RPP-S45LC
Large fixed 45° angle shield - flat base Gamma	RPP-GS45L
Large fixed 45° angle shield - curved base Gamma	RPP-GS45LC

3-Sided Shield



A 3-sided shield can be used with our range of Beta shields, providing further all round protection.

ORDERING INFORMATION

3-sided shield, **Beta** RPP-SB

Base Plates



These rectangular base plates provide under bench protection and can be used with any of our shields. The plate is manufactured with cushioned anti-slip feet.

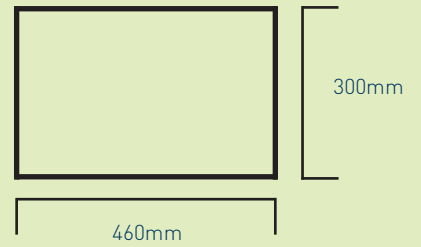
ORDERING INFORMATION

Base plate, **Beta** RPP-BP
 Base plate, **Gamma** RPP-GBP

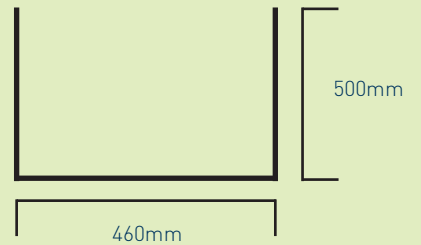
TECHNICAL SPECIFICATION

Beta 10mm acrylic	Dimensions
RPP-SB	500 x 460 x 300mm

Front face view



Top down view



TECHNICAL SPECIFICATION

Beta 10mm acrylic	Dimensions
Gamma 12mm lead acrylic	(upright and horizontal)
RPP-BP	450 x 406mm
RPP-GBP	450 x 406mm