



# Scie-Plas Super-Seals™

Throw away all those gel gates and casting units and use our specifically designed and formulated silicone seals, which can be placed anywhere within the casting tray.

Scie-Plas Super-Seals™ offer the ultimate solution in flexible, leak-free gel casting.

## BENEFITS INCLUDE

- **Cost-effective and completely versatile** - can be positioned anywhere within the casting tray, allowing the user to generate shorter gel lengths without the need for smaller casting trays
- **Reliable, leak-free casting** - is a certainty, provided the seals are first inserted correctly within the tray and then lined with agarose before pouring the remainder of the cooled gel mixture
- **Still effective - even with boiling agarose** - as long as the seals are inserted properly and lined with agarose
- **Available - for all Scie-Plas horizontal gel-casting trays**
- **Can be made to order** - for casting trays from all other electrophoresis manufacturers

Contact [sales@scie-plas](mailto:sales@scie-plas) for customised Scie-Plas Super-Seals™

## ORDERING INFORMATION

Description	Approximate Dimensions (L x W x H)	Part No.
<b>Green Range</b>		
2 x 6cm long Super-Seals for the HU6	6 x 1 x 1cm	HU6-SS
2 x 10cm long Super-Seals for the HU10	10 x 1.1 x 1cm	HU10-SS
2 x 14.4cm long Super-Seals for the HU10W	14.4 x 1.1 x 1.4cm	HU10W-SS
2 x 13cm long Super-Seals for the HU13 & HU13L	13 x 1.1 x 1.4cm	HU13-SS
2 x 23cm long Super-Seals for the HU13W	23 x 2 x 1.2cm	HU13W-SS
2 x 15cm long Super-Seals for the HU15	15 x 1.1 x 1.4cm	HU15-SS
2 x 20cm long Super-Seals for the CHU20 & HU20	20 x 2 x 1.2cm	HU20-SS
2 x 25cm long Super-Seals for the CHU25 & HU25	25 x 2 x 1.2cm	HU25-SS
<b>Vari-gel Range</b>		
2 x 7cm long Super-Seals for the SVG-SYS	7 x 1 x 1cm	SVG-SS
2 x 10cm long Super-Seals for the TVG-SYS	10 x 1.1 x 1cm	TVG-SS
2 x 15cm long Super-Seals for the VG-SYS	15 x 1.1 x 1.4cm	VG-SS

## How to cast with Scie-Plas Super-Seals™

1. Place each Scie-Plas Super-Seal™ at the desired position within the gel tray, applying an even pressure along its length



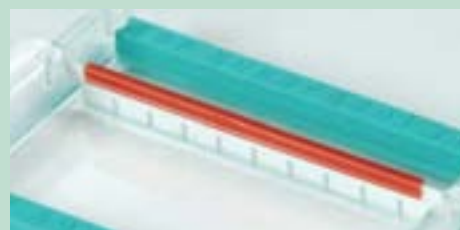
2. Line each Scie-Plas Super-Seal™ with a few millilitres of melted agarose, allowing it to cool and then set to form a leak-proof seal



3. Pour the remainder of the agarose mixture - preferably cooled to hand-heat (i.e. at 50°C) for completely reproducible results - into the gel tray



4. Insert combs and allow the gel to set for at least 30 minutes before removing the comb and loading the samples



**Tip:** Scie-Plas recommends 0.67ml of agarose per cm<sup>2</sup> of gel tray area for a minimum 5mm thick gel - e.g. 150ml of melted agarose for a 15 x 15cm gel tray, as shown (Volume ml = W x L x 0.67).