

## WHAT IS HSO™ STEEL?

HSO stands for High Strength Oval, and it's a smart way to add strength to your tunnel structure. The oval shape of the steel adds strength to the tunnel where it's most needed.

At Haygrove we're passionate about innovation and have a dedicated team of engineers committed to designing products that are excellent value for money and provide practical, long term solutions for growers.



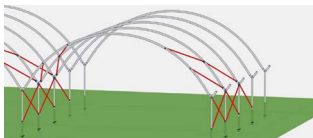
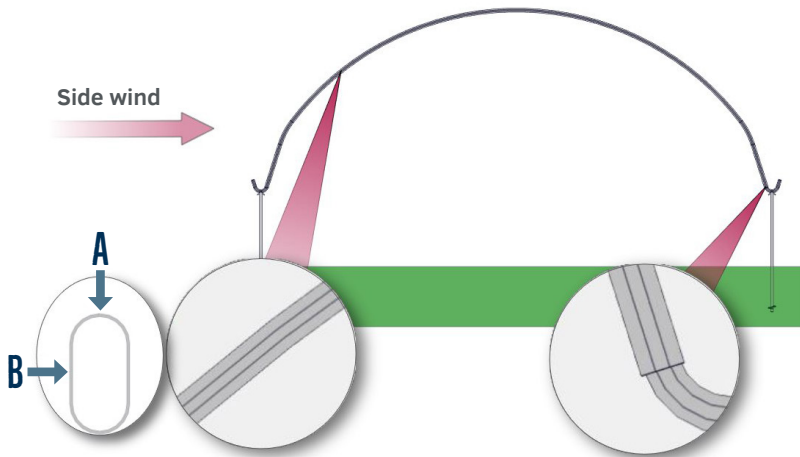
## HAYGROVE HSO™ STEEL SIZES

Haygrove HSO steel is available in 2 sizes: HSO 80 and HSO 60. The steel choice most suitable for your tunnel will be determined by the climatic conditions of your specific site. All Haygrove tunnels are available in HSO steel and it is quickly becoming the preferred choice for growers around the world.



# HOW DOES HSO™ STEEL WORK?

Using oval steel gives the ability to increase strength where the tunnel is most prone to damage. Side winds have the most potential to deform the hoop as forces on the polythene try to compress the hoop inwards. By giving the hoop increased strength in the crucial 'A' direction these risks are reduced. This enhanced strength also works to support the structure when loaded either externally with the weight of snow or internally when trellising crops.



The Windy End Kit configuration strengthens the end of the tunnel. If the ends are sufficiently braced, winds that move along a tunnel are less damaging as there is less wind resistance from the polythene.

## UNIQUE DESIGN

HSO steel is used in both the hoop and uniquely, also in the leg top, creating a secure connection between the HSO hoop and HSO leg top. Unlike round tube, the oval shape of the HSO ensures that the hoop and leg cannot twist. The resistance to these twisting forces enhances the stability of the hoop.

