

ENERGY SAVING SCREEN TGK 20

Energy savings, light diffusion, control of air humidity, flame retardant performance.

TGK 20 is a transparent screen that's engineered for maximum heat retention and minimal light loss using 100% flame retardant materials. Test reports are available from institutions in various countries regarding the flame retardant performance.

TGK 20 has high light transmission, making it ideal both at night and day. The screen diffuses direct sunlight and protects the upper foliage from scorching while allowing the lower canopy to receive more light from more angles. In short, higher solar protection with minimum light loss.

The screen is produced from a series of 4 mm diffused polyester strips knitted together with clear polyester yarns. The polyester strips enhance energy saving and keep the crop temperature at a higher level during the night, reducing the risk of condensation on the crop.

The knitted structure is designed to transport moisture, preventing excessive humidity beneath it and also reducing the risk of condensation. So the screen stays clean and algae-free for many years.

Thanks to its flexibility, the screen can be folded into a very small bundle. In turn, this maximises the available growing light when the screen is in the open position.

TYPE	LIGTH TRANSMISSION		ENERGY SAVING
	DIRECT	DIFFUSED	
TGK 20	88%	81%	43%