



Ridder Sun Shading Screens (RSS 16 D FR)

Product information

Application	Inside
Main Function	Daytime sun shading, night-time energy saving
System	Sliding and Hanging
Composition	59% Polyolefin, 41% Polyester
Pattern	2 aluminum/white, 1 transparent diffuse, 2 aluminum/white, 1 transparent diffuse, 1 aluminum/white, 1 transparent diffuse
Yarn	White yarns
Flame retardant	Yes, NTA 8825:2018
Warranty	Five years under all types of greenhouse covering, see Ridder Climate Screens limited warranty.

Mechanical properties	Value	Testing method
Screen weight	92 gr/m ²	
Width of strips	4 mm	

Physical properties	Value	Testing method
Shading level in direct light PAR*	66 %	Ridder Climate Screens method
	70 %	NEN 2675:2018
Shading level in diffused light PAR*	67 %	Ridder Climate Screens method
	74 %	NEN 2675:2018
HortiScatter	51 %	NEN 2675:2018
Energy saving*	63 %	Ridder Climate Screens method

*PAR = 400 - 700 nm, accuracy +/- 1%



The Ridder Sun-Shading Screen prevents damage to crops from excessive sunlight.

This climate screen also saves energy and is able to prevent condensation from forming due to sudden drops in temperature.

Whether you are growing in a tropical climate or a temperate climate, with Ridder Sun Shading Screens your plants will thrive in a shady environment.

Screentype	Material		Composition		Shading level*		NEN 2675:2018			Energy saving*	NTA Class	Weight gr/m2
	Strips	Yarn	Polyolefin	Polyester	Direct	Diffuse	Direct	Diffuse	Horti Scatter			
Ridder Sun Shading Screens												
RSS 14 D FR	ALU	PET	55%	45%	42%	50%	-	-	-	52%	1	81
RSS 15 D FR	ALU	PET	57%	43%	55%	60%	57,0%	62,0%	40,0%	58%	1	86
RSS 16 D FR	ALU	PET	60%	40%	66%	67%	69,6%	73,6%	51,3%	63%	1	92
RSS 17 D FR	ALU	PET	63%	37%	76%	78%	78,9%	81,3%	52,9%	68%	1	102
RSS 15	PET/ALU	PET	58%	42%	55%	60%	-	-	-	58%	-	78
RSS 16	PET/ALU	PET	59%	41%	66%	67%	-	-	-	63%	-	80
RSS 17	PET/ALU	PET	60%	40%	76%	78%	-	-	-	68%	-	83
Side Hanging cloth for RES, RLD & RSS cloths	Material	Length of roll	Shading level*		NEN 2675:2018			Energy saving*	NTA Class	gr/m2		
			Direct	Diffuse	Direct	Diffuse	Horti Scatter					
Ridder White FR	Polyester	± 150,00m	55%	55%	-	-	-	43%	1	195		

*According to Ridder Climate Screens