

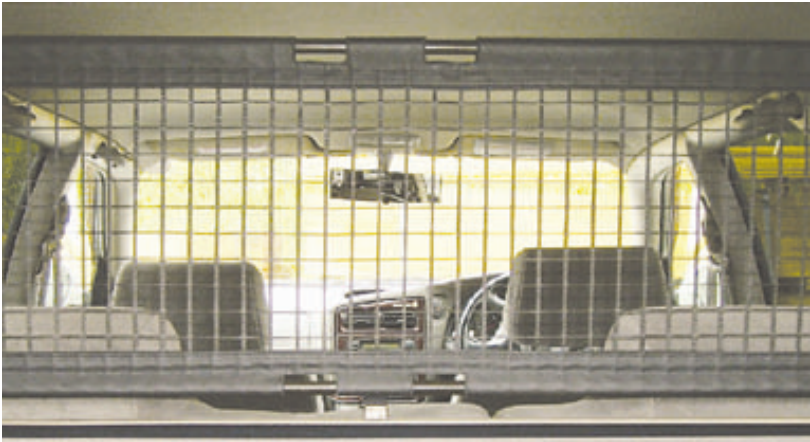
Partition Net

Features

- ① Deviation protection
- ② High workability

Application

- ① Automobile partition net
- ② Geogrid (for civil engineering)
- ③ Vegetation net (for civil engineering)
- ④ Sports fence (partition)



Test data

[Tensile strength measurement] Sample material 3-1 Rotative direction Grabbing method (3pcs./6cm)											
Measured value	1	2	3	4	5	6	7	8	9	10	Average
Strength (max100)	40.5	50.5	51.6	50.2	43.5	49.0					47.5
Elongation (mm)	69.0	88.0	92.0	90.0	78.0	87.0					84.0
Full scale (N)	2500			N		kgf		%			
Grip gap (mm)	200		Strength	1186.7	1187	121.0	Elongation	42.0			

[Tensile strength measurement] Sample material 3-1 Cross direction Grabbing method (3pcs./6cm)											
Measured value	1	2	3	4	5	6	7	8	9	10	Average
Strength (max100)	35.5	35.2	38.0	39.0							36.9
Elongation (mm)	120.0	130.0	130.0	138.0							129.5
Full scale (N)	2500			N		kgf		%			
Grip gap (mm)	200		Strength	923.1	923	94.1	Elongation	64.8			

[Tensile strength measurement] Sample material 3-1 Rotative direction Anti-snagging property											
Measured value	1	2	3	4	5	6	7	8	9	10	Average
Strength (max100)	46.0	43.2	43.2	42.0	40.0	44.0	42.5	41.0			42.7
Elongation (mm)											
Full scale (N)	1000			N		kgf		%			
Grip gap (mm)	200		Strength	427.4	427	43.6	Elongation				

[Tensile strength measurement] Sample material 3-1 Cross direction Anti-snagging property											
Measured value	1	2	3	4	5	6	7	8	9	10	Average
Strength (max100)	47.0	40.5	51.0	49.5	43.6	44.0	52.0	43.0	45.0	44.0	46.0
Elongation (mm)											
Full scale (N)	1000			N		kgf		%			
Grip gap (mm)	200		Strength	459.6	460	46.9	Elongation				

Grab method JIS L1018 Grab method
Test strength Standard elongation form
Tensile speed: 20 cm/min.
Test width: 40 cm
Grip gap: 20 cm
Grip width: 60 cm Wale direction (3 pcs.) Course direction (3 pcs.)

Grabbing strength
(3 knots in the grabbing)
(rotative direction)
(cross direction)

Test result
Product name
Partition Wale (rotative) direction
Course (cross) direction

Tensile strength (kN) Elongation range (%) Grabbing strength (N)
1.11 43.8 427
1.32 83.9 460

[Specification of rotative direction knitting]	
Product name	Partition Net
Knitting structure	Double Raschel
Machine width	130inch
Gauge	6G
Thread specification	Thread type Spun dyed Polyester
	Rotative direction thread 1390T×2
	Insertion from cross direction 1390T / 3×2
Resin treatment	Melanin
Stitch dimension	Vertical 25mm
	Horizontal 25mm
Thickness	Vertical 1.45mm
	Horizontal 1.12mm
	Intersecting point 1.72mm
Weight (g/m ²)	165g
Light shielding ratio	

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