

A1 相当サイズ

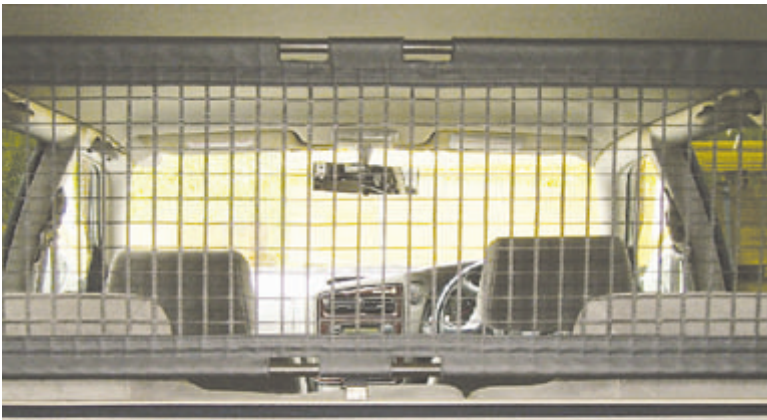
Partition Net

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	Grabbing strength	Test result
Test strength	Standard elongation form	(3 knots in the grabbing)	Product name
Tensile speed	20 cm/min.	(rotative direction)	Partition
Test width	40 cm	(cross direction)	Wale (rotative) direction
Grip gap	20 cm		Course (cross) direction
Grip width	60 cm	Wale direction (3 pcs.)	Course direction (3 pcs.)

[Specification of rotative direction knitting]		Product name
Item		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
Snitch dimension	Vertical	25mm
	Horizontal	25mm
Thickness	Vertical	1.45mm
	Horizontal	1.12mm
	Intersecting point	1.72mm
Weight (g/m ²)		165g
Light shielding ratio		

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



Fukui
Fibertech Co.,Ltd.