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We are pleased to inform you of our new distributorship for the supply of the new **Carbon, Aramid and Glassfibre fabrics** as following. Please forward this product information on to your work colleagues that maybe interested in this range of high temperature textiles.

We hope you are interested in our products and that we can receive from you enquiries for these specialized high temperature textiles.

A) Carbon FRP Strip

Product Name	Fiber Type	Tensile Strength (MPa)	E-Modulus (Gpa)	FRP Thickness (mm)	Width(mm)
YC-CPS 0512	high strength carbon	> 3000	> 165	1.2	50
YC-CPS 0514				1.4	50
YC-CPS 0812				1.2	80
YC-CPS 0814				1.4	80
YC-CPS 1012				1.2	100
YC-CPS 1014				1.4	100
YC-CPI 0614				intermediate modulus carbon	> 2400
YC-CPI 0914	1.4	90			
YC-CPI 1214	1.4	120			
YC-CPH 0514	high modulus carbon	> 1300	> 300	1.4	50

B) Carbon FRP Rod (Re-bar and FRP Flat Bars)

Properties		Rod 5	Rod 7.5	Rod 10	Rod 12	Rod 16
Carbon FRP Rod	Tensile Strength, MPa	2300	2300	2300	2300	2300
	E-Modulus, Gpa	130	130	130	130	130
	Ultimate Deformation, %	1.8	1.8	1.8	1.8	1.8
	Nominal Diameter, mm	5	7.5	10	12	16
	Nominal Area, mm ²	19	44	78	113	200
	Ultimate Load, kN	44	101	179	260	460
	Linear Weight, g/m	40	75	130	195	340

C) 3K Carbon Fabric : 200g/m2 ~ 400g/m2 Plain, Twill , Satin are available

D) Carbon Black Coating Fibreglass fabric : YC-533 Silver available.

This is Fibreglass fabric, alternatives for carbon Fabric.

We now produce Glassfiber fabric similar external appearance with carbon Fabric.

Model No	Thickness	Weight	Color	Weave
YC-318 Balck	0.18mm	200 g/m2± 5 g/m2	Black	Twill(2x2) & Plain available
YC-533 Balck and Silver	0.33mm	325 g/m2 ±5 g/m2	Black Silver	Twill(2x2) & Plain available
YC-7500 Balck	0.24mm	305 g/m2 ±5 g/m2	Black	Twill(2x2) & Plain available

E) Carbon fiber 3k, 6k, 12k, 24k and 50k are available

3K : **500gms per bobbin.** We can supply 1,000kg per month till 2008.DEC.

6K : **1kg per bobbin** , We can supply 1,000kg per month till 2008.DEC

12K : **4kg per bobbin**, We can supply 5,000kg per month till 2008.DEC

24K : **4kg per bobbin**, We can supply 5,000kg per month till 2008.DEC

50k : **5.5kg per bobbin**, We can supply 5,000kg per month till 2008.DEC

F) Carbon UD fabric : UD 150g and 160g are also available.



Product Name	Fiber Type	Fiber Strength (Mpa)	Fiber Stiffness (Gpa)	Areal Weight (g/m2)	Fabric Thickness (mm)*	Style
YC-N200	high strength carbon	4900	230	200	0.111	Woven UD
YC-N300	high strength carbon	4900	230	300	0.166	Woven UD

G) Kevlar UD fabric

Product Name	Fiber Type	Fiber Strength (Mpa)	Fiber Stiffness (Gpa)	Areal Weight (g/m2)	Fabric Thickness (mm)*	Style
YC-A280	Kevlar	2880	100	280	0.194	Woven UD
YC-A415				415	0.288	Woven UD



H) Aramid Fabrics

Part No	Denier	Density	Weight
YC-A114	1,500	8.5 * 8.5	114g/m2
YC-A200	1,500	17 * 17	200g/m2
YC-A460	3,000	17 * 17	460g/m2
YC-A528	2,000	30 * 30	528g/m2

I) Carbon UDPP

Code Name	CF Wt(g/m ²)	Resin Wt(g/m ²)	ResinContent (%)	Total Wt(g/m ²)	Thickness (mm)
CP 050NS	55	36	40 ± 2	91	0.060
CP 075NS	75	46	38 ± 2	121	0.080
CP 100NS	100	52	34 ± 2	152	0.098
CP 125NS	125	64	34 ± 2	189	0.123
CP 150NS	150	77	34 ± 2	227	0.148
CP 175NS	175	90	34 ± 2	265	0.172
CP 200NS	200	103	34 ± 2	303	0.197
CP 250NS	250	129	34 ± 2	379	0.246

J) Glassfiber products

Glassfiber Roving

1. Direct Rovings, 1200tex, 2000tex, 2200tex, 2400tex, 4400tex, 4800tex,
2. Glass Roving for SMC 2400tex, 4400tex, 4800tex
3. Glass Roving for chopped strand mat 2400tex
4. Spray up Roving 2400tex
5. Woven Roving 100G/M2--800G/M2

CSM (chopped strand mat) : 300, 450, 600g/sqm (Emulsion or powder type)

CS (chopped strand) : 4.5mm, 6mm, 12mm

Glassfiber yarn : ECD Grade 450 1/0 and 900 1/0
ECG 150 1/0 0.7Z EC9-33 1X0 Z28 620
ECG 75 1/0 0.7Z EC9-68 1X0 Z28 620

Multiaxial Stiche Fabrics : a) Uni-Axial b) Bi-Axial c) Double Bias d) Tri-Axial e) Quadri-Axial

Alkali-resistant fiberglass mesh fabric

- a) 4 x 4mm, 165gsm, 1m x 50m, white, yellow and orange color
- b) 5 x 5mm, 80gsm, 120gsm, 145gsm, 250gsm, 280gsm, 300gsm, 1m x 50m, white color
- c) 4 x 5mm, 135gsm, 145gsm, 1m x 100m, blue and green color
- d) 6 x 6mm, 110gsm, 210gsm, white color
- e) 7 x 7mm, 140gsm, blue color
- f) 10 x 10mm, 110gsm, 130gsm, 150gsm, white and yellow color
- g) 12 x 12mm, 135gsm, 150gsm, white and blue color

