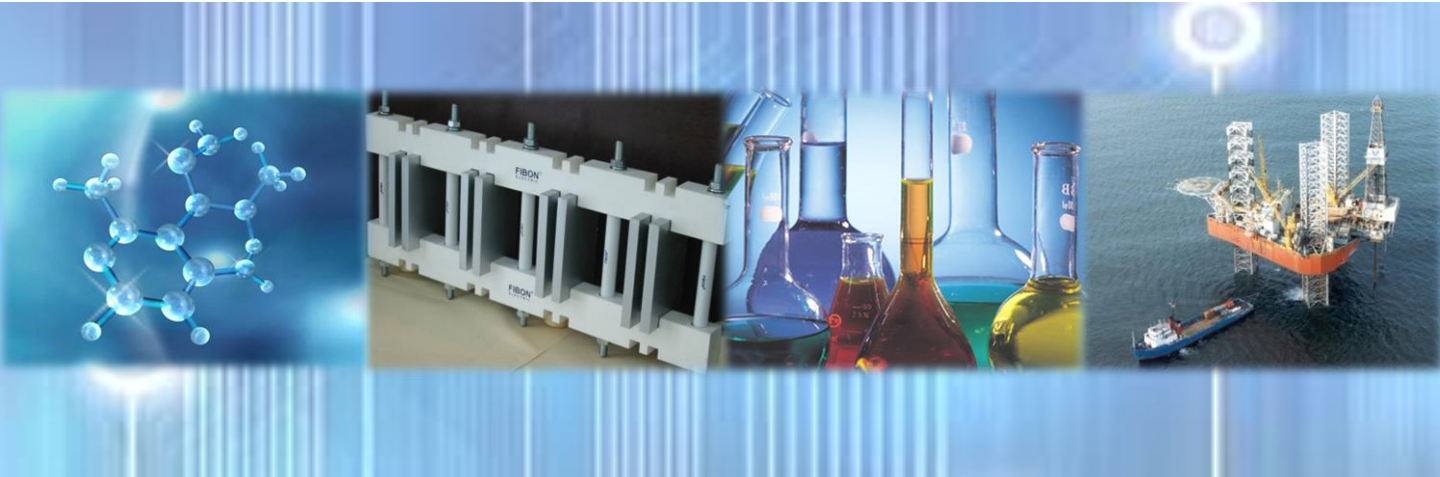


FIBON[®]



SHORT-FORM CATALOGUE

FIBON INSULATOR

Fibon Advance Composite

Introduction

ADVANCED ELECTRICAL COMPOSITE FORMULATOR

Fibon UK Ltd is a wholly owned subsidiary of Fibon Berhad, a Public Listed Company listed on the Capital Market of Bursa Malaysia Securities Berhad. Hexa Analisa Sdn Bhd and Fibon Australia Pty Ltd which are located in Malaysia and Australia respectively are also the member of the group.

The group has more than 15 years of experience in the formulation, design & manufacturing of advanced polymer matrix fibre composites.

FIBON with its innovative technology has developed a new composite material which overcomes the deficiencies of traditional materials when used in applications with critical and demanding environments.

FIBON has the capability & experience to provide services to modify the properties of the material such as mechanical, electrical, chemical resistance, thermal and flame retardant to suit various application requirements.

Backed with strong R & D capabilities and equipped with strong technical knowledge on the formulation of composite materials, Fibon group continues to excel in the advanced composite industry especially in the electrical insulation industry.



HEXA ANALISA SDN. BHD.

12A, Jalan 20, Taman Sri Kluang,
86000 Kluang, Johor
Malaysia.



Electrical Insulation Composites

FIBON ELECTRICAL COMPOSITES

Fibon Electrical Insulation Composites (EIC) are made of innovative and specially formulated glass fibre reinforced polymer material. It is designed for the desire of the needs for high insulation property with high flexural, and tensile strength and yet low in water absorption, which generally comply with the test under IEC 60439, IEC 61439 and capable of withstanding explosions.

Apart from having an excellent insulation characteristic, Fibon composites also exhibit excellent chemical resistant which enable the material to be used in offshore and chemical plants.

Fibon provide reliable, safe & full type-tested busbar supports for the low voltage, medium voltage & high voltage switchboards and switchgears.

Fibon offers assistance for testing arrangement, which include organizing accommodation and transportation to our customer. With the facilities at Fibon UK and Fibon Australia, technical supports and backup facilities for urgent fabrication during the type test of equipments are available upon request.

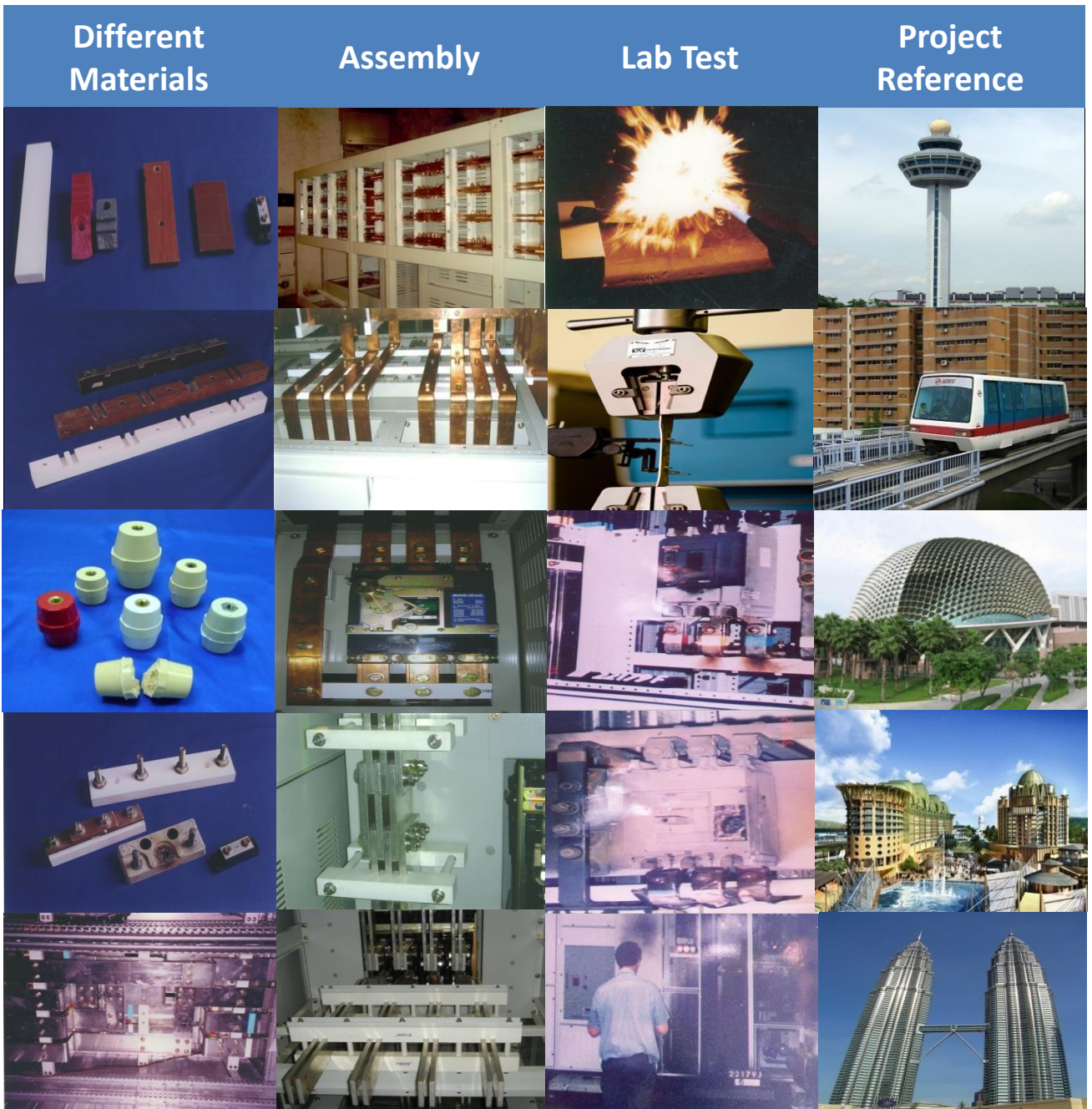


Busbar Support

FIBON TECHNOLOGY

Extensive research has been done and continuously carried out on insulation resins and reinforced materials to determine the suitability of the formulation and optimise the performance of insulation compounds. Knowledge obtained from the research formed the base to develop insulation materials for specific applications.

A series of FIBON busbar supports were designed and developed to provide “full” protection for the entire busbar system. The design of FIBON busbar supports comply with the stringent safety requirements of IEC 60439 & IEC 61439 standards. Acceptance & use of FIBON busbar supports in many mega projects shows the trust and recognition on FIBON’s quality and reliability!



Busbar Support

FIBON BUSBAR SUPPORT

FIBON busbar supports have been designed to secure various sections of the busbar system, such as horizontal and vertical copper busbars, dropper busbars, outgoing and incoming busbars, neutral busbars, bus duct systems, etc.

Kindly contact us for further information on the various available designs.

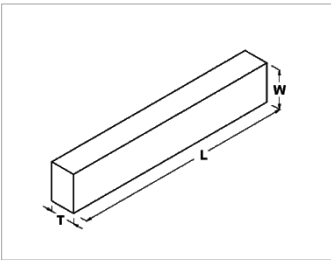
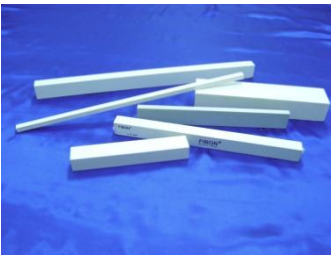
FB VFM SS DS TS QS AVM VFMD VFMH AHM VFMC VFMT CT



Busbar Support

FLAT BAR

Flat Bar

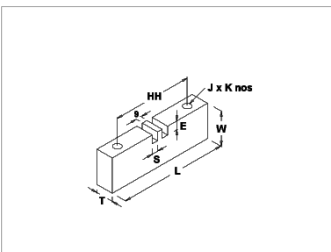
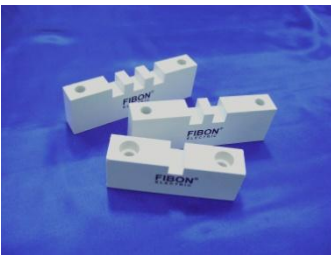


ITEM CODE	THICKNESS (T)	WIDTH (W)	LENGTH (L)
FB 1212	12	12	2290
FB 1215	12	15	2290
FB 1225	12	25	2290
FB 1232	12	32	2290
FB 1240	12	40	2290
FB 1250	12	50	2290
FB 1265	12	65	2290
FB 1275	12	75	2290
FB 12100	12	100	2290
FB 1515	15	15	2290
FB 1525	15	25	2290
FB 1540	15	40	2290
FB 1550	15	50	2290
FB 1565	15	65	2290
FB 1575	15	75	2290
FB 15100	15	100	2290
FB 2025	20	25	2290
FB 2032	20	32	2290
FB 2040	20	40	2290
FB 2050	20	50	2290
FB 2065	20	65	2290

ITEM CODE	THICKNESS (T)	WIDTH (W)	LENGTH (L)
FB 2075	20	75	2290
FB 20100	20	100	2290
FB 2532	25	32	2290
FB 2540	25	40	2290
FB 2550	25	50	2290
FB 2565	25	65	2290
FB 2575	25	75	2290
FB 25100	25	100	2290
FB 3030	30	30	2290
FB 3035	30	35	2290
FB 3040	30	40	2290
FB 3050	30	50	2290
FB 3065	30	65	2290
FB 3075	30	75	2290
FB 30100	30	100	2290
FB 3535	35	35	2290
FB 3540	35	40	2290
FB 3550	35	50	2290
FB 3565	35	65	2290
FB 3575	35	75	2290
FB 35100	35	100	2290

VERTICAL FIXED MOUNTING (1 POLE)

VMFIP



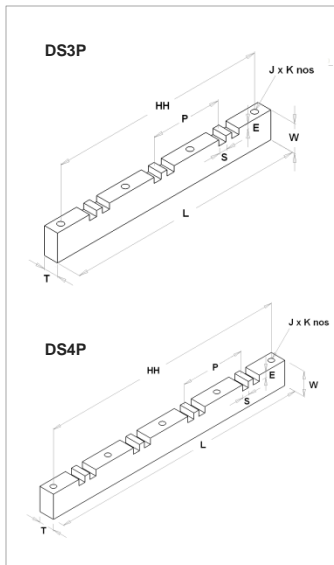
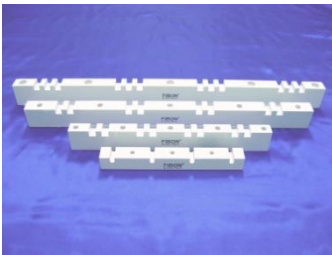
ITEM CODE	NO. OF POLE	THICKNESS (T)	WIDTH (W)	LENGTH (L)	SLOT QTY /POLE	SLOT WIDTH (S)	SLOT DEPTH (E)	BAR THICKNESS	BAR HEIGHT	HOLE TO HOLE (HH)	COUNTER SUNK (CH) / THROUGH HOLE (TH)	HOLE DIAMETER (J)	NO. OF HOLE (K)
VFM1P10	1	20	40	124	1	7	8	6-6.5	30,40,50,60,80,100,120,150,160	100	TH/CH	9	2
VFM1P12	1	20	40	124	2	7	8	6-6.5	40,50,60,80,100,120,150	100	TH/CH	9	2
VFM1P14	1	20	40	124	3	7	8	6-6.5	50,60,80,100,120	100	TH/CH	9	2
VFM1P16	1	20	40	124	1	11	10	9.5-10	80,100,120,150,160	100	TH/CH	9	2
VFM1P18	1	25	40	124	2	11	10	9.5-10	50,60,80,100,120	100	TH/CH	9	2
VFM1P20	1	30	40	135	3	13.5	10	9.5-10	80,100,120,150,160,200	100	TH/CH	9	2

- VFM1P-10TH for counter sunk (CH)
- VFM1P-10CH for through hole (TH)

Busbar Support

VERTICAL FIXED MOUNTING – TYPE SS, DS, TS, QS

Vertical Fixed Mounting



ITEM CODE	NO. OF POLE	THICKNESS (T)	WIDTH (W)	LENGTH (L)	INTER-PHASE (P)	SLOT QTY /POLE	SLOT WIDTH (S)	SLOT DEPTH (E)	HOLE TO HOLE (HH)	BAR HEIGHT	COUNTER SUNK (CH) / THROUGH HOLE (TH)	HOLE DIAMETER (J)	HOLE QTY (K)
DS3P10	3	20	35	230	65	2	5.5	8	200	40, 50, 60, 75, 80, 100	TH	9	4
QS3P12	3	20	35	320	100	4	5.5	8	290	40, 50, 60, 75, 80, 100, 120	TH	9	4
SS3P14	3	20	40	250	65	1	7	8	220	40, 50, 60, 75, 80, 100	TH	9	4
DS3P16	3	20	40	250	65	2	7	8	220	40, 50, 60, 75, 80, 100	TH	9	2
TS3P18	3	20	40	330	100	3	7	8	300	40, 50, 60, 75, 80, 100	TH	9	4
SS3P20	3	20	40	330	100	1	11	10	300	40, 60, 75, 100, 120, 150	TH	9	4
DS3P22	3	20	40	270	100	2	11	10	240	40, 60, 75, 100, 120, 150	TH	9	2
DS3P24	3	20	40	330	100	2	11	10	300	40, 60, 75, 100, 120, 150	TH	9	4
DS3P26	3	25	40	390	120	2	11	10	360	40, 60, 75, 100, 120, 150	TH	9	4
TS3P28	3	25	40	390	120	3	11	10	360	100, 120, 150, 160, 200	TH	9	4
TS3P30	3	25	40	425	131	3	11	10	400	100, 120, 150, 160, 200	TH	9	4
SS3P32	3	20	40	330	100	1	13.5	12	300	100, 120, 150, 160, 200	TH	9	4
DS3P34	3	25	40	330	100	2	13.5	12	300	100, 120, 150, 160, 200	TH	9	4
DS3P36	3	25	40	390	120	2	13.5	12	360	100, 120, 150, 160, 200	TH	9	4
ITEM CODE	NO. OF POLE	THICKNESS (T)	WIDTH (W)	LENGTH (L)	INTER-PHASE (P)	SLOT QTY /POLE	SLOT WIDTH (S)	SLOT DEPTH (E)	HOLE TO HOLE (HH)	BAR HEIGHT	COUNTER SUNK (CH) / THROUGH HOLE (TH)	HOLE DIAMETER (J)	HOLE QTY (K)
DS4P10	4	20	40	300	65	2	5.5	8	270	40, 50, 60, 75, 80, 100	TH	9	3
QS4P12	4	20	40	420	100	4	5.5	8	390	40, 50, 60, 75, 80, 100, 120	TH	9	5
SS4P14	4	20	40	250	51	1	7	8	220	40, 50, 60, 75, 80, 100	TH	9	2
SS4P16	4	20	40	285	65	1	7	8	250	40, 50, 60, 75, 80, 100	TH	9	3
DS4P18	4	20	40	285	65	2	7	8	255	40, 50, 60, 75, 80, 100	TH	9	2
DS4P20	4	20	40	330	75	2	7	8	300	40, 50, 60, 75, 80, 100	TH	9	3
TS4P22	4	20	40	425	100	3	7	8	395	40, 50, 60, 75, 80, 100, 120	TH	9	5
SS4P24	4	25	40	285	65	1	11	10	250	40, 60, 75, 100, 120	TH	9	3
SS4P26	4	25	40	370	80	1	11	10	340	40, 60, 75, 100, 120	TH	9	5
DS4P28	4	25	40	390	90	2	11	10	364	40, 60, 75, 100, 120, 150	TH	9	5
DS4P30	4	25	40	425	100	2	11	10	400	40, 60, 75, 100, 120, 150	TH	9	5
DS4P32	4	25	40	434	101	2	11	10	404	40, 60, 75, 100, 120, 150	TH	9	5
DS4P34	4	25	40	450	102	2	11	10	420	40, 60, 75, 100, 120, 150	TH	9	5
DS4P36	4	25	40	470	110	2	11	10	440	40, 60, 75, 100, 120, 150	TH	9	5
DS4P38	4	25	40	500	120	2	11	10	470	40, 60, 75, 100, 120, 150	TH	9	5
DS4P40	4	25	45	560	130	2	11	10	525	40, 60, 75, 100, 120, 150	TH	9	5
TS4P42	4	30	45	584	131	3	11	10	550	100, 120, 150, 160, 200	TH	9	5
DS4P44	4	30	45	500	120	2	13.5	12	470	100, 120, 150, 160, 200	TH	9	5
TS4P46	4	30	50	600	135	3	13.5	12	565	100, 120, 150, 160, 200	TH	9	5

* All dimension in mm

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