

YOUNG CHANG SILICONE CO LIMITED

Room 803, Chevalier House, 45-51 Chatham Road South, Tsim Sha Tsui, Kowloon HK

System Component
STW-BSystem Designation
YCI-130System Class
130(B)

Report Date: 2006-11-01

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alternate constructions: [Table VI](#) ▼**Construction Details (Table VI)**

The use of this insulation system is limited to the combination of materials specified below. Where more than one item is designated under insulation function, they may be used together, indicated, or they may be used as alternates to one another. Functions designated "optional" are not necessarily required for every design. Insulation thicknesses and/or layers below minimum.

Filament Wire

Additional Ground & Interwinding insulation **is not** required to separate this winding from other windings or between this winding and grounded/dead metal

Recognized Component Single and Multi-Layer Insulated Winding Wire (OBJT2) listed below

Recognized Component Appliance Wiring Material (AVLV2) listed below

Unless otherwise noted, winding wire types listed below may be used in combination within a single product

YOUNG CHANG SILICONE CO LIMITED [E242198] - Recognized ComponentSTW-B

3.7 (0.09)

Single- and Multi-layer Insulated Winding Wire - (

Enameled Wire

Recognized Component - Magnet wire (OBMW2), single build or greater, round or rectangular, copper or aluminum unless stated otherwise for the types listed below

Ground Insulation is required to separate this winding from grounded/dead metal

Interwinding Insulation **is** required to separate this winding from other enameled wire

Unless otherwise noted, Winding Wire types listed below may be used in combination within a single product

ANSI Type

MW 28

MW 75

MW 79

MW 80

MW 82

MW 83

Temp(°C)

and 130°C

and 130°C

or 155°C

or 155°C

or 180°C

or 180°C

Basecoat/Topcoat

Polyurethane (Polyamide)

Polyurethane

Polyurethane

Polyurethane (Polyamide)

Polyurethane

Polyurethane (Polyamide)

Ground and Interwinding Insulations

any Recognized Component Plastic (QMFZ2), polyethylene terephthalate film (PET) 1 mil

Designation3M COMPANY [E17385] - Recognized Component

1 (a)

1205

1298 (b)

1298CR

1318-1 (a)

1318-2 (a)

1318Y-1 (a)

1318Y-2 (a)

1350-1 (b)

1350-2 (c)

1350CR-1

1350CR-2

1350F-1 (b)

1350F-2 (c)

1350FB-1 (b)

1350FB-2 (c)

1350FW-1 (b)

1350FW-2 (c)

1350FY-1 (b)

1350FY-2 (c)

1350T-1 (b)

1350T-2 (b)

1350T-3 (b)

1351-1 (a)

1351-2 (c)

1351T-1 (a)

1351T-2 (a)

1351T-3 (a)

1351Y-1 (a)

1351Y-2 (c)

1388B-1 (b)

1388W-1 (b)

1388Y-1 (b)

44 (a)

44-A (a)

44-T (a)

44B-HT (d)

44D (a)

44D-A (a)

44HT (a)

44T-A (a)

5

54 (a)

55

56 (a)

57 (a)

58 (a)

74 (a)

75

MR 94

mils(mm)

1[layers]

1[layers]

1[layers]

1[layers]

1[layers]

1[layers]

1[layers]

1[layers]

1[layers]

1[layers]

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1[layers]

1[layers]

1[layers]

1[layers]

1[layers]

1[layers]

1[layers]

2[layers]

1[layers]

1[layers]

comments

| | | |
|--|------------|---------------------------------------|
| MR 94B (c) | 1[layers] | |
| <u>3M Japan Limited [E59505] - Recognized Component</u> | | |
| SUPER 10-T | 1[layers] | |
| SUPER 10-W | 1[layers] | |
| <u>CELANESE INTERNATIONAL CORP [E344082] - Recognized Component</u> | | |
| ZENITE 6130(+) | 11.8 (0.3) | |
| <u>CHANG SHU LIANG YI TAPE INDUSTRY CO LTD [E246820] - Recognized Component</u> | | |
| LY-19-01-15a | 1[layers] | |
| LY-19-01-18a | 1[layers] | |
| LY-19-01-20a | 1[layers] | |
| LY-19-01-25a | 1[layers] | |
| LY-19-01-40a | 1[layers] | |
| LY-19-01-85a | 1[layers] | |
| LY-19-02-15b | 1[layers] | |
| LY-19-02-18b | 1[layers] | |
| LY-19-02-20b | 1[layers] | |
| LY-19-02-25b | 1[layers] | |
| LY-19-02-40b | 1[layers] | |
| LY-19-02-85b | 1[layers] | |
| LY-XX* | 1[layers] | |
| LY0-08 (f)(g) | 1[layers] | |
| LY0-XX (f)(g) (except LY0-08) | 1[layers] | |
| <u>CHYUN YIH TAPE CO LTD [E81174] - Recognized Component</u> | | |
| P2 # (f) | 1[layers] | |
| P2XXF^ (b) | 1[layers] | |
| <u>DONGGUAN SHIN YAHUA ELECTRONIC MATERIAL CO LTD [E324093] - Recognized Component</u> | | |
| CT* (b)(g) | 1[layers] | |
| CT* (c)(g) | 1[layers] | |
| PF* (d)(g) | 1[layers] | |
| PZ* (b) | 2[layers] | |
| WF* (c)(h) | 1[layers] | |
| <u>DUCK SUNG HITECH CO LTD [E105147] - Recognized Component</u> | | |
| DTS-204 (e) | 1[layers] | |
| DTS-204B (e) | 1[layers] | |
| DTS-204K (f) | 1[layers] | |
| DTS-280 | 1[layers] | |
| <u>DuPont Specialty Products USA LLC [E39505] - Recognized Component</u> | | |
| Kapton® 100H, 100HN, 100HN-S, 100H-ZT, 100HN-ZT, 100FPC-ZT, 100TAB-ZT, 100PST, 100HA, 100TN, 100V, 100VN, 100FPC, 100FPC-A, 100HPP-ST | 1 (0.03) | |
| <u>DuPont Specialty Products USA, LLC [E34739] - Recognized Component</u> | | |
| Nomex® 410 | 2 (0.05) | |
| Nomex® 411 | 5 (0.13) | |
| Nomex® 414 | 2 (0.05) | |
| Nomex® 418, 818, 864LAM | 2 (0.05) | |
| Nomex® 992, 992PSB | 4 (0.1) | |
| Nomex® 993, 993PSB | 3 (0.08) | |
| Nomex® 994, 994PSB | 3 (0.08) | |
| Nomex® E56, 356 | 3 (0.08) | |
| <u>Dupont Teijin Films</u> | | |
| Mylar | 1 (0.03) | polyethylene terephthalate film (PET) |
| <u>E I DUPONT DE NEMOURS & CO INC [E41938] - Recognized Component</u> | | |
| Rynite FR530(l)(+)(f1), FR530L(l)(+)(f1) | 11.8 (0.3) | |
| <u>E. I. Dupont de Nemours & Co.</u> | | |
| Kapton H, V, HN, VN or HA Grades | 1 (0.03) | |
| Mylar MO | 1 (0.03) | |
| <u>JINGJIANG JINGYANG INSULATING PRODUCT CO LTD [E309872] - Recognized Component</u> | | |
| JY-133 | 1[layers] | |
| <u>JINGJIANG JINGYI ADHESIVE PRODUCT CO LTD [E246950] - Recognized Component</u> | | |
| JY25-A (b) | 1[layers] | |
| <u>JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD [E165111] - Recognized Component</u> | | |
| CT* (b)(g) | 1[layers] | |
| PF* (d)(g) | 1[layers] | |
| PZ* (b) | 2[layers] | |
| WF* (c)(h) | 1[layers] | |
| <u>Meixin New Material Co Ltd [E304309] - Recognized Component</u> | | |
| MX-466 | 1[layers] | |
| MX-866 | 1[layers] | |
| MX-866-01 | 1[layers] | |
| <u>METAL LINE CO LTD [E162848] - Recognized Component</u> | | |
| 800 (a) *** this product is no longer Recognized *** | 3[layers] | |
| 800BT *** this product is no longer Recognized *** | 1[layers] | |
| <u>NITTO DENKO CORP [E34833] - Recognized Component</u> | | |
| 3161-FR1 | 1[layers] | |
| 3161-FR2 | 1[layers] | |
| 3161-FT1 *** this product is no longer Recognized *** | 1[layers] | |
| 3161-FT2 *** this product is no longer Recognized *** | 1[layers] | |
| <u>P LEO & CO LTD [E126174] - Recognized Component</u> | | |
| 1H818 (m) | 1[layers] | |
| 1H860 (f) | 1[layers] | |
| 1K062 | 1[layers] | |
| 1K063 | 1[layers] | |
| 1K7170 | 1[layers] | |
| 1K7178 | 1[layers] | |
| 1K7220 | 1[layers] | |
| 1N012 | 1[layers] | |
| 1P130-3 (b) (\$) | 1[layers] | |
| 1P133 (f) | 2[layers] | |

| | |
|---|------------|
| 1P316 (a) | 1[layers] |
| 1P350 (e) | 1[layers] |
| 1P756 (h) | 1[layers] |
| 1P801 | 1[layers] |
| 1P802 | 1[layers] |
| 1P830 | 1[layers] |
| 1P9FR * (a) | 1[layers] |
| <u>Resonac Corporation [E42956] - Recognized Component</u> | |
| CP-J-8800, CP-J-NAF, CP-J-F(N) *** this product is no longer Recognized *** | 15.7 (0.4) |
| <u>Resonac Techno Service Corporation [E514814] - Recognized Component</u> | |
| CP-J-8800, CP-J-NAF, CP-J-F(N) | 15.7 (0.4) |
| <u>Shinkong Materials Technology Co Ltd [E340158] - Recognized Component</u> | |
| SHINPEX, SHINPEX T121, SHINPEX G122 | 1 (0.03) |
| <u>SUMITOMO BAKELITE CO LTD [E41429] - Recognized Component</u> | |
| SUMIKON PM-9630 | 15.7 (0.4) |
| SUMIKON PM-9750 | 15.7 (0.4) |
| SUMIKON PM-9820, PM-9825 | 15.7 (0.4) |
| SUMIKON PM-9850 | 15.7 (0.4) |
| <u>SYMBIO INC [E50292] - Recognized Component</u> | |
| 35660 (a) | 1[layers] |
| 35660Y (e) | 1[layers] |
| 35661 (c) | 1[layers] |
| KA180 | 1[layers] |
| MY130 (b) | 1[layers] |
| MY95AF (h) | 1[layers] |
| MY9XAF (g) | 1[layers] |
| MY9YAF (h) | 1[layers] |
| <u>TERAOKA SEISAKUSHO CO LTD [E56086] - Recognized Component</u> | |
| 560S #2 | 1 (0.03) |
| 560S #3 | 1[layers] |
| 560S #5 *** this product is no longer Recognized *** | 1[layers] |
| 630F #25 (a) | 1[layers] |
| 631S #25, 632S #25 (a) | 1[layers] |
| 650S #25 | 1[layers] |
| 650S #50 | 1[layers] |
| 652S #25 | 1[layers] |
| <u>TORAY INDUSTRIES INC FILM DIV [E86511] - Recognized Component</u> | |
| Lumirror (#) | 1 (0.03) |
| <u>XINFENG GHILLIE ELECTRICAL MATERIALS CO LTD [E326305] - Recognized Component</u> | |
| JL-D508 (a) | 1[layers] |
| JL-P208 (a) | 1[layers] |
| JL-P208 (b) | 1[layers] |
| JL-T4 | 1[layers] |

Lead Wires

lead wires are optional for this system

| Temp | Insulation |
|-------|---|
| 105°C | CPE - chlorosulfonated polyethylene + |
| 125°C | XLPE - crosslinked polyethylene |
| 150°C | SR - silicone rubber(with or without braid) |
| 150°C | XLPE - crosslinked polyethylene |
| 150°C | ETFE - ethylene tetrafluoroethylene |
| 180°C | SR - silicone rubber(with or without braid) |
| 200°C | SR - silicone rubber(with or without braid) |
| 200°C | ETFE - ethylene tetrafluoroethylene |
| 200°C | FEP - fluorinated ethylene propylene |
| 200°C | PTFE - polytetrafluoroethylene |

+ To be isolated from direct contact with windings (magnet wire) by any insulating material (tape, layer insulation, sleeving,etc.) listed in this table - unless specifically exclude requirement by a special note at the beginning of this table.

Minor Sheet Materials

(layer, outer, wrap etc.) minor sheet is optional for this system

| Designation | comments |
|--|----------|
| <u>CHANGSHU ZHONGXUN SPACE FLIGHT INSULATING MATERIALS CO LTD [E305246] - employing Recognized materials</u> | |
| HTPI | |
| <u>Dupont - Teijin Films</u> | |
| Polyethylene Terephthalate Film | |
| <u>DuPont Specialty Products USA LLC [E39505] - employing Recognized materials</u> | |
| Kapton® 100CR, 100CRC | |
| Kapton® 200CR | |
| Kapton® 200H, 200HN, 200HN-S, 200H-ZT, 200HN-ZT, 200FPC-ZT, 200TAB-ZT, 200PST, 200HA, 200TN, 200V, 200VN, 200FPC, 200FPC-A, 200HPP-ST | |
| Kapton® 300CR | |
| Kapton® 300H, 300HN, 300HN-S, 300H-ZT, 300HN-ZT, 300FPC-ZT, 300TAB-ZT, 300PST, 300HA, 300TN, 300V, 300VN, 300FPC, 300FPC-A, 300HPP-ST | |
| <u>DuPont Specialty Products USA, LLC [E34739] - employing Recognized materials</u> | |
| Nomex® 410 | |
| Nomex® 411 | |
| Nomex® 414 | |
| Nomex® 416, 416 LAM | |
| Nomex® 418, 818, 864LAM | |
| Nomex® 992, 992PSB | |
| Nomex® 993, 993PSB | |
| Nomex® 994, 994PSB | |
| Nomex® E56, 356 | |
| <u>DUPONT TEIJIN FILMS U S L P [E93687] - employing Recognized materials</u> | |
| MELINEX Melinex 301H | |
| <u>E. I. Dupont de Nemours & Co.</u> | |

Kapton Grades H, V, HN, VN and HA
Mylar 92D
Nomex® 424
Nomex® 425

Toray
Lumirror S10

any sheet insulation or tape described in this table with no minimum thickness requirement may be used as a minor sheet material

Tapes

tapes are optional for this system

Designation

comments

3M COMPANY [E17385] - Listed or Recognized Component

1 (a)
1205
1218
1298 (b)
1298CR
1318-1 (a)
1318-2 (a)
1318Y-1 (a)
1318Y-2 (a)
1350-1 (b)
1350-2 (c)
1350CR-1
1350CR-2
1350F-1 (b)
1350F-2 (c)
1350FW-1 (b)
1350FW-2 (c)
1350FY-1 (b)
1350FY-2 (c)
1350T-1 (b)
1350T-2 (b)
1350T-3 (b)
1351-1 (a)
1351-2 (c)
1351B-2 (c)
1351T-1 (a)
1351T-2 (a)
1351T-3 (a)
1351W-1 (a)
1351W-2 (c)
1351Y-1 (a)
1351Y-2 (c)
1388B-1 (b)
1388W-1 (b)
1388Y-1 (b)
44 (a)
44-A (a)
44-T (a)
44D (a)
44D-A (a)
44T-A (a)
5
54 (a)
55
56 (a)
57 (a)
58 (a)
69 (a), 9 (a)
74 (a)
75
92
MR 94
MR 94B (c)
Super 10 (a)
Super 20 (a)

3M Japan Limited [E59505] - Listed or Recognized Component

2245
SUPER 10-T
SUPER 10-W

3M Taiwan Ltd [E305006] - Listed or Recognized Component

PIA220

BONDTEC PACIFIC CO LTD [E175868] - Listed or Recognized Component

201 (c)
370S (b)

CHANG SHU LIANG YI TAPE INDUSTRY CO LTD [E246820] - Listed or Recognized Component

LY-20X

CHYUN YIH TAPE CO LTD [E81174] - Listed or Recognized Component

P2 # (f)
P2XFX^ (b)
PB416C
PB416F

DONGGUAN SHIN YAHUA ELECTRONIC MATERIAL CO LTD [E324093] - Listed or Recognized Component

CT* (b)(g)
CT* (c)(g)
PF* (d)(g)
WF* (c)(h)

Dongguan Shin Yahua Electronic Material Co. Ltd.

CT280B
CT285B
WFF

YHAL-007.050

DUCK SUNG HITECH CO LTD [E105147] - Listed or Recognized Component

220-B
221-H
DTS-204 (e)
DTS-204B (e)
DTS-204K (f)
DTS-221F
DTS-241
DTS-280

Hyun Dai

800BT

INTERTAPE POLYMER GROUP [E20780] - Listed or Recognized Component

4426-00 (41)*
4427-00 (415)*
51560-08 (a)
51578 (415SA)*
51580-00 (40)* (b)
51587-04*
51588 (50)*
51589-00*
51589-04*
51595* (b)
51596* (b)
54113

Intertape Polymer Group (Tesa, Tuck, Spinnaker)

51587-17
51589-17
51594-17

polyester film
polyester film

JINGJIANG JINGYANG INSULATING PRODUCT CO LTD

J16
WF310(a)

JINGJIANG JINGYANG INSULATING PRODUCT CO LTD [E309872] - Listed or Recognized Component

JY-133
JY-201
JY-233

JINGJIANG YAHUA ELECTRONIC SCIENCE&TECHNOLOGY CO LTD

CP-3002
CT-285
GL-JJYH
NX-JJYH
PF-301

JINGJIANG YAHUA ELECTRONIC SCIENCE&TECHNOLOGY CO LTD [E478268] - Listed or Recognized Component

CT (b)
WF-2901/2 (a)

JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD [E165111] - Listed or Recognized Component

CT* (b)(g)
CT* (c)(g)
PF* (d)(g)
PZ* (b)
WF* (c)(h)
WFF(f)

Meixin New Material Co Ltd [E304309] - Listed or Recognized Component

MX-466E.P(G.Y.W.B.R)

MXAL-110.210 *** this product is no longer Recognized ***

MXCU-110.210 *** this product is no longer Recognized ***

MXPI-310
MXPI-310F.310.312
MXPI-610

NITTO DENKO CORP [E34833] - Listed or Recognized Component

3161-FT1 *** this product is no longer Recognized ***

3161-FT2 *** this product is no longer Recognized ***

31C
343B

P.Leo & Co.(B.C) Ltd

1E075
1K7172
1P130
1P808
1P830
1P9FR

silicone adhesive, polyimide film
acrylic adhesive, polyester film
polyester film
acrylic adhesive, polyester film

P LEO & CO LTD [E126174] - Listed or Recognized Component

1A025
1G006
1G015
1G027A
1G130 (o)
1G155
1G180
1G200
1G20B
1H818 (m)
1H850 Black (q)
1H850 Natural (o)
1H860 (f)
1H86A (o)
1H86R (g)
1K063
1K063CR
1K7170

1K7171A
1K7172
1N008
1N012
1N020
1N155
1P350 (e)
1P656 (d)
1P700 (b)
1P701 (b)
1P705
1P756 (h)
1P801
1P802
1P802 (k)
1P833 xx (@)
1PEN2
1PEN3
1PN2R
1PN3R
1PN820 (o)
1PN828 (o)
1TF05

Saint-Gobain Performance Plastics Corp.
K102
K104

acrylic adhesive, polyimide film
silicone adhesive, polyimide film

SHEN ZHEN XINHUAHUI ELECTRONIC MATERIALS CO LTD
HWT-DC

SHEN ZHEN XINHUAHUI ELECTRONIC MATERIALS CO LTD [E328315] - Listed or Recognized Component
HKT
HMT
HWT

SICHUAN DONGFANG INSULATING MATERIAL CO LTD [E229667] - Listed or Recognized Component
201A

SYMBIO INC [E50292] - Listed or Recognized Component
35660 (a)
35660Y (e)
35661 (c)
KA180
KA180K
KA180L
MY130 (b)
MY9XAF (g)

TAE HWA INDUSTRIAL CO LTD [E92677] - Listed or Recognized Component
6701
E-3338
H-2715
H-5673 (+)
H-5673N
S-9101
TH-GC012, S-2115

Taehwa Industries
A-9025
C-3310
E-3338
S-2115

TERAOKA SEISAKUSHO CO LTD [E56086] - Listed or Recognized Component
560S #2
560S #3
560S #5 *** this product is no longer Recognized ***
630F #25 (a)
650S #50

XINFENG GHILLIE ELECTRICAL MATERIALS CO LTD [E326305] - Listed or Recognized Component
JL-B308
JL-D508 (a)
JL-N408
JL-N418 (b)
JL-P208 (a)
JL-P208 (b)
JL-T4

Young Woo
YT-130A
YT-605B

Core tubes and Bobbins

(for mechanical support only) cores are optional for this system

Designation

comments

CHANG CHUN PLASTICS CO LTD [E59481] - employing Recognized materials
LONGLITE 4115(f1)
LONGLITE 4130
LONGLITE T-355J, T355J
LONGLITE T353 *** materials are no longer Recognized ***
LONGLITE T357
LONGLITE T373J
LONGLITE T375HF
LONGLITE T375J(G5)(G6)
LCP-300
T200HF
T200NA
T220NA
Chang Chun Plastics Co., Ltd.

4115-104D
4130-104F

Changyuan Electronics (Shenzhen) Co Ltd
CB-HFT
Changbao102

DOMO - PolyTechnyl SAS [E44716] - employing Recognized materials
Technyl A 50H1 (r3)(f2)

Dongguan Chanjie Metal Plastic Product Co., Ltd.
11L
30L

E I DUPONT DE NEMOURS & CO INC [E41938] - employing Recognized materials
Rynite FR530(l)(+)(f1), FR530L(l)(+)(f1)
Zytel 101(r9)(f1), 101F(r9)(f1), 101L(r9)(f1), E101(r9)(f1), E101L(r9)(f1)
Zytel 103FHS(+), 103HSL(+), RN5077E(+), E103HSL(+)
Zytel 70G13L
Zytel 70G30HSL, 70G30HSLR
Zytel 70G33HS1L(+)
Zytel 70G33L(+)
Zytel FR50(+)(f1)

Hexion Specialty Chemicals GMBH
PF2736 (a) (b)

Jiangsu Wote High Performance Materials Co Ltd [E478701] - employing Recognized materials
SELCION KB40M, KB40BM, KB40(+)

KINGFA SCI & TECH CO LTD [E171666] - employing Recognized materials
PBT-RG301(f1), PBT-RG301(ccc)(f1), PBT-RG301(ccc)(R64)(f1)
Vicnyl R4(a)
Vicnyl R4(f)NH
Vicnyl R4(ggg)
Vicnyl R430
Vicnyl R61(f)NH
Vicnyl R61(q)
Vicryst R8(gg) (ccc)(r5)
Vicryst R80(d1) (ccc)
Vicryst R82(d1) (ccc)(r9)
Vicryst R83(gg) (ccc)(r8)
Vicryst R85(gg)(ccc)(r11)

Kolon Industries
KP212V0

LG CHEM (TIANJIN) ENGINEERING PLASTICS CO LTD [E302314] - employing Recognized materials
LUPOX GP-2306F(#)

LG CHEM LTD [E67171] - employing Recognized materials
LUPOX GP2306F(#), LUPOX DGP2306F(#), LUTREL GP2306F(#)

Nan Ya Plastics (Hui Zhou) Corp LTD
1403G5G

NAN YA PLASTICS (HUI ZHOU) CORP LTD [E235269] - employing Recognized materials
1403G1
1403G2
1403G3
1403G4
1403G6
140PG3
140PG6

POLYPLASTICS CO LTD [E109088] - employing Recognized materials
FORTRON" or "DURAFIDE 1140(a)(e)(k)(#)(f2)

Samsung Fine Chemicals
KB40 (B)M

SAMYANG CORPORATION [E121254] - employing Recognized materials
TRIBIT, Sam Yang's Co. Ltd. PBT 1500GN-30

SUMITOMO BAKELITE CO LTD [E41429] - employing Recognized materials
SUMIKON AM-1130, AM-113
SUMIKON PM-9630
SUMIKON PM-9720
SUMIKON PM-9750
SUMIKON PM-9820, PM-9825
SUMIKON PM-9823
SUMIKON PM-9830

SUMITOMO CHEMICAL CO LTD [E249884] - employing Recognized materials
SUMIKASUPER E4008(c4)(c2)(c3)(j)

TORAY INDUSTRIES INC [E41797] - employing Recognized materials
1494

Spacer and Wedges

spacer and wedges are optional for this system

Designation

comments

Kingboard Laminates Holdings Ltd
HF-140
KB-3152
KB-6150C

any material described in this table with no thickness requirement may be used as a spacer or a wedge

Tubing and Sleeving

tubing and sleeving are optional for this system

Designation

comments

Changyuan Electronics Group Co Ltd

CB-TT

CHANGYUAN ELECTRONICS GROUP CO LTD [E180908] - Recognized Component

CB-HFT, CB-HFT(XY), CYG-MT

CB-TT-L

CB-TT-S

CB-TT-T

CYG-ZHP

DONGGUAN CITY CHANGJIE METALS & PLASTIC PRODUCTS CO LTD [E338209] - Recognized Component

CJ-TT-L

CJ-TT-T

DONGGUAN DONGFU ELECTRONIC TECHNOLOGY CO LTD

TFL

TFS

TFT

DONGGUAN SALIPT CO LTD [E209436] - Recognized Component

SALIPT S-901-600

DOW Corning

SYLGARD 160A&B

SYLGARD 170A&B

Essex Furukawa Magnet Wire Japan Co., Ltd. [E58401] - Recognized Component

PI-Tube, PIT-S

Fluotech Industrial (Huizhou) Co Ltd

TFS

Fluotech Industrial (Huizhou) Co Ltd [E175982] - Recognized Component

TFL

TFT

GREAT HOLDING INDUSTRIAL CO LTD [E156256] - Recognized Component

TFL

TFS

TFT

Huapeng (Suzhou) Heat-shrinkable Materials Co Ltd

H-FEP

H-FHST

H-KSS

H-NSS

H-PFA

H-PHST

HUAPENG (SUZHOU) HEAT-SHRINKABLE MATERIALS CO LTD [E338254] - Recognized Component

H-PET#

H-PNT#

HUAPENG (SUZHOU) HEAT-SHRINKABLE MATERIALS CO LTD [E473382] - Recognized Component

H-PTFE

HUIZHOU DONGJU FLUO TECH PLASTIC CO LTD [E478618] - Recognized Component

TFL

TFS

TFT

NIKKAN INDUSTRIES CO LTD [E55258] - Recognized Component

S-693F-1

NIKKAN INDUSTRIES CO LTD [E72406] - Recognized Component

S-693-600

NIKKAN INDUSTRIES CO LTD [E88468] - Recognized Component

E-651U-1

E-651U-2

NISSEI ELECTRIC CO LTD [E67922] - Recognized Component

RSU-1

Nissei Electric Co., Ltd

RSU-2

P LEO & CO LTD [E176865] - Recognized Component

2T-TFL-xx.x (a)

2T-TFS-xx.x (a)

2T-TFT-xx.x (a)

SHENGZHENG HANGXUAN S&T CO LTD [E361862] - Recognized Component

XH-RSG, TZTG(XY)

XH-TFL

XH-TFT

SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD [E203950] - Recognized Component

RSFR-H

RSFR-HPF

SBRS

WF

SUMITOMO ELECTRIC FINE POLYMER INC [E48762] - Recognized Component

940 or SUMITUBE F2(Z) or SUMITUBE T82

SUMITOMO ELECTRIC FINE POLYMER INC [E75077] - Recognized Component

851 or SUMITUBE F4

942 or SUMITUBE F4(Z)

Tie Cords

tie cords are optional for this system

Designation

Shanghai CJY Technology Co., Ltd

CJY-GF

CJY-Y1

CJY-Y11

comments

Various Manufacturers
Uncoated fiberglass

Potting Compounds

potting compounds are optional for this system

| Designation | comments |
|---|----------|
| <u>Chem Tech</u> ES-928P ES905 SHA-101D | |
| <u>DONG GUAN SHI PAI HUA CHUANG MATERIAL FTY [E304477] - employing Recognized materials</u> 808A/B | |
| <u>Dow Corning</u> SE 1816 CV | |
| <u>Dow Silicones Corp [E40195] - employing Recognized materials</u> SYLGARD 170# SYLGARD SYLGARD 160 | |
| <u>Fong Young Chemical Co., Ltd.</u> E-536A/H-536B E-759/H-759 E532-1A/H532-1B | |
| <u>GUANGZHOU HUITIAN FINE CHEMICAL LTD</u> 5297 5299# | |
| <u>HUNG SHIUNG ENTERPRISES CO LTD [E180899] - employing Recognized materials</u> F205-A/H042 | |
| <u>MOMENTIVE PERFORMANCE MATERIALS JAPAN L L C [E56745] - employing Recognized materials</u> TSE3331(d) TSE3331K(y) | |
| <u>Shanghai CJY Technology Co., Ltd</u> XS211 | |

Varnishes

varnishes are optional for this system

| Designation | comments |
|--|---|
| <u>ELANTAS PDG, Inc. [E75225] - Recognized Component</u> V1630, V1630FS, V1630FS50, V1630FS Black, 80361, 80361FS | |
| <u>ELANTAS ZHUHAI CO LTD [E314793] - Recognized Component</u> V1630FS, V1630, V1630FS50, V1630FS Black, 80361, 80361FS | |
| <u>HUI ZHOU QIANG DA ELECTRONICS INDUSTRY CO LTD [E347463] - Recognized Component</u> DA-700-* | |
| <u>NOROO PAINT & COATINGS CO LTD [E93947] - Recognized Component</u> DVB-2177(@) | For use on only MW79, MW80, MW82 or MW83 types magnet w |
| <u>Resonac Corporation [E72979] - Recognized Component</u> WP-2952F-2G, WP-2952F-2G(Y), WP-2952F-2G(YL), WP-2952F-2G(FC), WP-2952F-2G(H), WP-2952F-2G(K) | |
| <u>SUZHOU TAIHU ELECTRIC ADVANCED MATERIAL CO LTD [E228349] - Recognized Component</u> T-4260(a) | |

Miscellaneous Minor Insulations

miscellaneous minor insulations are optional for this system

| Designation | comments |
|---|----------|
| <u>CHANG CHUN PLASTICS CO LTD [E59481] - employing Recognized materials</u> LONGLITE T357 LONGLITE T375J(G5)(G6) LONGLITE T399J T200NA T220NA | |
| <u>Chem Tech</u> ES-928P ES905 SHA-101D | Adhesive |
| <u>DuPont Specialty Products USA, LLC [E34739] - employing Recognized materials</u> Nomex® 410 Nomex® 411 Nomex® 414 Nomex® 416, 416 LAM Nomex® 418, 818, 864LAM Nomex® 992, 992PSB Nomex® 993, 993PSB Nomex® 994, 994PSB | |
| <u>E. I. Dupont de Nemours & Co.</u> Kapton H Kapton HA Kapton HN Kapton V Kapton VN Nomex 424 Nomex 425 Nomex E56A | |
| <u>Hitachi Chemical</u> CP-J-8600 CP-J-8700 CP-J-8800 | |

KUO SEN ENTERPRISE CO LTD [E239105] - employing Recognized materials
EP141FR

Noroo Paint & Coatings

DEM-1000
DEM-1001
DEM-1002
DEM-1003

Adhesive
Adhesive
Adhesive
Adhesive

NOROO PAINT & COATINGS CO LTD [E209384] - employing Recognized materials
DSA-1000, DEM-1002

SUMITOMO BAKELITE CO LTD [E41429] - employing Recognized materials

SUMIKON AM-1130, AM-113

SUMIKON PM-9630

SUMIKON PM-9720

SUMIKON PM-9750

SUMIKON PM-9820, PM-9825

SUMIKON PM-9830

SUMIKON PM-9850

SUNGWOO ES CO LTD

DS-888W(#)
SW-150H(#)
SW-160H(#)
SW-860HF(#)

ThreeBond

TB1401