

YOUNG CHANG SILICONE CO LTD
481-7 GASAN-DONG, KUMCHUN-GU, SEOUL 153-803 KR

System Component
STW-B

System Designation
YCI-130

System Class
130(B)

Report Date: 2006-09-27

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alternate constructions: [Table I](#) ▼

Construction Details (Table I)

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

<u>YOUNG CHANG SILICONE CO LTD [E242198] - Recognized Component</u> STW-B	3.7 (0.09)	Single- and Multi-layer Insulated Winding Wire - (
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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

<u>ANSI Type</u>	<u>Temp(°C)</u>	<u>Basecoat(Topcoat)</u>
MW 28	and 130°C	Polyurethane (Polyamide)
MW 75	and 130°C	Polyurethane
MW 79	or 155°C	Polyurethane
MW 80	or 155°C	Polyurethane (Polyamide)
MW 82	or 180°C	Polyurethane
MW 83	or 180°C	Polyurethane (Polyamide)

Ground and Interwinding Insulations

<u>Designation</u>	<u>mils(mm)</u>	<u>comments</u>
<u>CELANESE INTERNATIONAL CORP [E344082] - Recognized Component</u> ZENITE 6130(+)	11.8 (0.3)	
<u>DuPont Specialty Products USA, LLC [E34739] - Recognized Component</u> Nomex® 410	2 (0.05)	
<u>E I DUPONT DE NEMOURS & CO INC [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>E I DUPONT DE NEMOURS & CO INC [E41938] - Recognized Component</u> Crastin SK665FR(f1)	11.8 (0.3)	
Rynite FR530(I)(+)(f1), FR530L(I)(+)(f1)	11.8 (0.3)	
<u>E. I. Dupont de Nemours & Co.</u> Mylar MO	1 (0.03)	
<u>HITACHI CHEMICAL CO LTD [E42956] - Recognized Component</u> CP-J-8800, CP-J-NAF, CP-J-F(N)	15.7 (0.4)	
<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)	

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

<u>Designation</u>	<u>comments</u>
<u>3M COMPANY [E17385] - Listed or Recognized Component</u> 92	

Spacer and Wedges

spacer and wedges are optional for this system

<u>Designation</u>	<u>comments</u>
<u>E. I. Dupont de Nemours & Co.</u> Nomex Board	

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

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