

IMO / US Navy Certified Insulations

RB, L.L.C.

Insulation with integrity, from people who care.

Main Branch:

PO Box 23781
New Orleans, La 70183
www.rblc.com

Phone: 504-841-0035

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E-mail: sales@rblc.com

San Diego Branch:

1995 Main Street
San Diego, Ca 92113

Phone: 619-234-2620

Fax: 619-234-2432

All statements herein are expressions of opinion that we believe to be true and reliable. However, they are represented without guaranty or warranty. Statements regarding the use of our products for their use alone or in conjunction with any other materials should not be intended as recommendations. Nothing herein is intended to infringe on any patents. No patent warranty of any kind, express or implied is hereby made.

RB TLL Acoustic Septum

Description:

RB TLL is a revolutionary new acoustic septum used to provide high transmission loss. It was developed as a replacement for loaded vinyl septum with significantly improved fire performance. The material is halogen free. It has also been tested and passed the IMO Resolution A.653 (16) - Surface Materials with Low Flame Spread.

Generally, RB TLL is installed between two layers of insulation which decouple the barrier allowing maximum transmission loss.

Specifications:	IMO A.653 (16) Undergoing testing to meet MIL-PRF-24699 Ty I
Standard Sizes:	2mm x 47-1/4 4mm x 47-1/4
Weight:	2mm: 1.0 lbs/sf nom. 4mm: 1.5 lbs/sf nom.

Material: Modified Plastic Polymer with Mineral Fillers with fiberglass cloth facing

Color: Gray

Tensile Strength: 17 Lbs/In (ASTM D412)

Working Temp: -22°F to 194°F

Flame Spread/

Smoke:

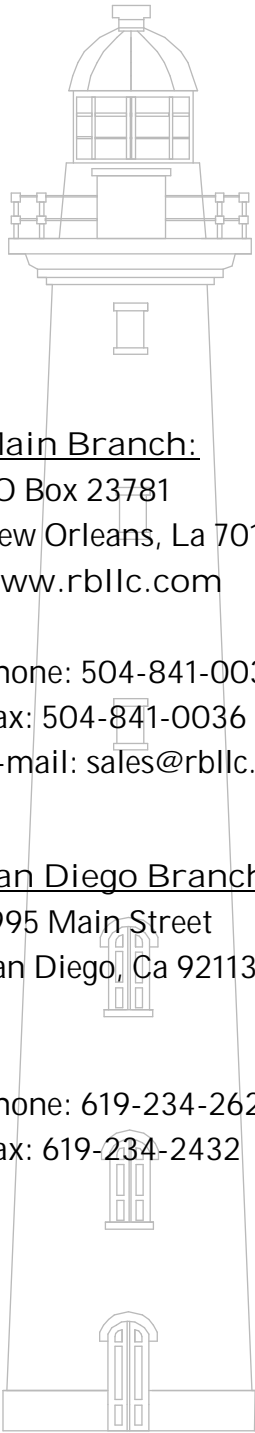
Meets Part 2 and 5 of the FTP Code

ASTM-E-162 7.65

ASTM-E-662 121 Flaming

104 Non-Flaming

SwRI 01.14436.01.333f and 01.14436.01.333g



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RB TLL Acoustic Performance

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Frequency	RB TLL 2mm	RB TLL 4mm
100	18	21
125	15	19
160	16	18
200	15	20
250	16	20
315	17	22
400	18	23
500	20	25
630	22	27
800	24	29
1000	25	31
1250	27	32
1600	28	34
2000	30	35
2500	31	37
3150	32	38
4000	33	40
5000	34	42
STC	25	30

Test method: ASTM E-90-04

Riverbank Acoustical Laboratories TL09-188 and TL09-226

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LPD 17 CLASS
VENDOR/MODEL NUMBER "OR EQUAL"
REQUEST FORM

DATE: 8/11/2009

1. ITEM #: ACOUSTIC SEPTUM

DESCRIPTION: "BARIUM SULFATE LOADED VINYL, MIL. SPEC. MIL-A-24699" (MANUFACTURED BY E.A.R.)

COMPARTMENT(S): THROUGHOUT VESSEL

SPEC SECTION (S): 073c & 073d

2. WE SUBMIT ITEM #: RB TLL ACOUSTIC SEPTUM, 4mm, 1.5 LBS/SQ (SOURCE: RB, LLC) as an "or equal" substitute for the item stated in paragraph one. LPD22 & FOLLOWS
3. JUSTIFICATION/COMMENTS: E.A.R. HAS DISCONTINUED THE PRODUCT & OFFERS NO SUBSTITUTE.

Russell P. Lachin

Alliance Representative

Gov't Rec'd 08/13/09

4. GOVERNMENT RESPONSE: CONCUR X DO NOT CONCUR _____

5. JUSTIFICATION/COMMENTS:

James S. Miller

Government Representative

James S. Miller