

Re: USA urges scientists to block out sun

Source: <http://sci.tech--archive.net/Archive/sci.space.policy/2007-02/msg00259.html>

- *From:* Ian Stirling <root@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* 06 Feb 2007 17:41:00 GMT
-

Willie.Mookie@xxxxxxxx wrote:

On Feb 3, 3:45 pm, Ian Stirling <r...@xxxxxxxxxxxxxxxxxxxx> wrote:

Willie.Moo...@xxxxxxxx wrote:

On Feb 2, 2:31 pm, Ian Stirling <r...@xxxxxxxxxxxxxxxxxxxx> wrote:

steve
<stephen.colbou...@xxxxxxxxxxxxxxxxxxxx>
wrote:

Well the good news for you
is that at one tonne per sqkm
= 1 gram per
square metre.

That should make your
space shield much more
practical– Hide quoted text
–

– Show quoted text –

Doh! You're right. I slipped a digit and a factor of 1,000! .

The plastics from which GBO is made are 1.2 metric tons per
cubic
meter, so 1 gram per square meter is a thickness of 0.83 mm
– that's

No, it's not.

There are a thousand litres in a cubic meter.

A thickness of a millimeter with an area of 1m has a volume of one litre, which has a weight of one kilogram.

<snip>

Yes, I listened to you and was confused! lol. So, is your original point correct or not?

<sigh>

Well, lets figure it out – haha..

1000 gram = 1 kg

1000 kg = 1 tonne

1,000,000 grams = 1 tonnes

1 mm = 1/1,000 meter

1 um = 1/1,000 mm

1,000,000 um = 1 m

At 1.2 gams per ml or 1.2 tonnes per cubic meter for the types of plastics used for GBO then layers 1 square meter in are are;

830 nm = 1 gram per sq meter

830 um = 1 kg per sq meter

haha.. SO, MY ORIGINAL NUMBERS ARE THE CORRECT ONE!

And your original point in error.

Umm – you initially claim that .83mm is one gram per square meter.

In this post you correct that, and agree with my point.

I think you may be the one that is confused.

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