



Reverberation Tent

The GTEMCELL reverberating tent is a variation of the traditional reverberating chamber: the ideal and cost-efficient solution to test e.g. vehicles per IEC 61000-4-21, with the fullest flexibility.

The GTEMCELL reverberating chambers are highly customized. The reverberating tent is following the principle of the vibrating intrinsic reverberation technique (VIRC), so that the tent generates multiple inter-reflections emitted by an energized antenna.

Features

- Integration into any kind of EMC chamber or Open site.
- Easy and quick installation by hanging and lifting to the ceiling support system
- Variable Shake assisted system
- Ventilation and exhaust integrated option
- Tent storage: transport container
- Shielding attenuation acc.to IEEE St. 299
- Turnkey solution

Typical Specifications

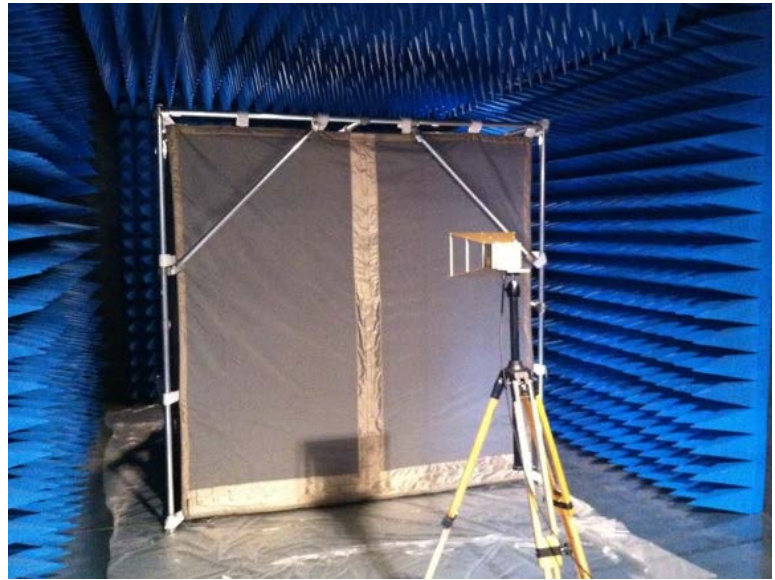
- External dimensions: Any size is possible
- Frequency range: from 80MHz to 80GHz and over
- Shielding Effectiveness IEEE Std. 299
- 60-75 dB from 30 MHz to 1,5 GHz
- 80-100 dB from 1,5 GHz to 10,0 GHz
- Material: Cu-Ni Polyester metalized fabric 0,1 mm (Optional Cu-Ag)

Sales Partner:



ABSOLUTE EMC Llc.
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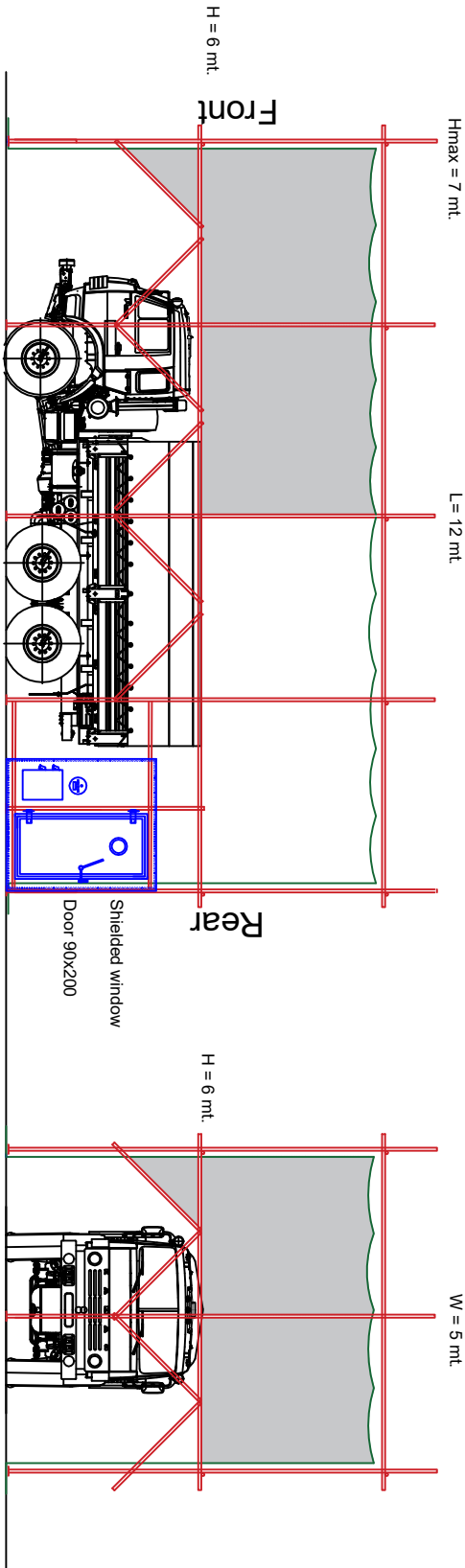


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REVERBERATION TENT

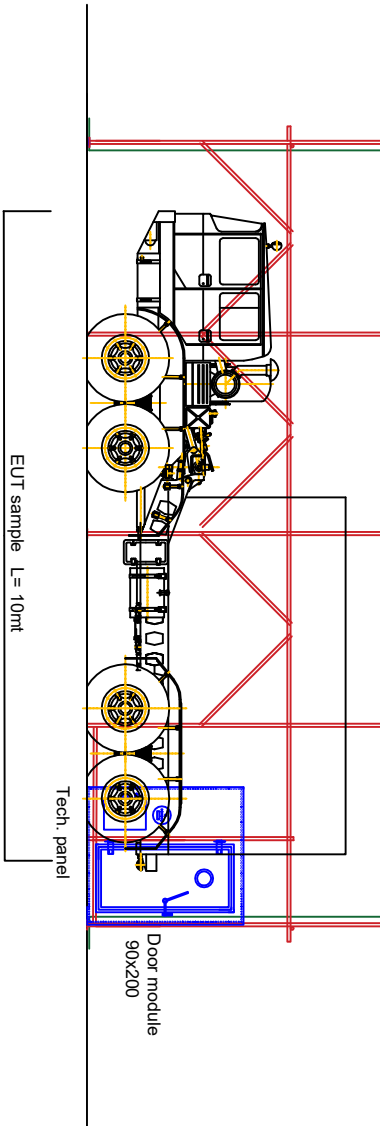
Side view



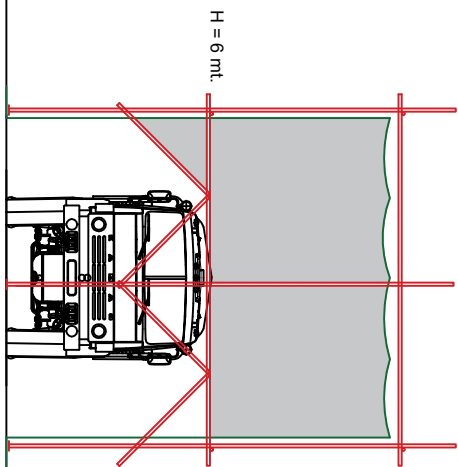
$L_{tot} = 12 \text{ mt.}$

pipe 48x3mm

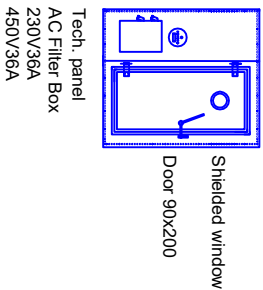
$H_{max} = 7 \text{ mt.}$



Rear view



Door module in Aluminum 2mm



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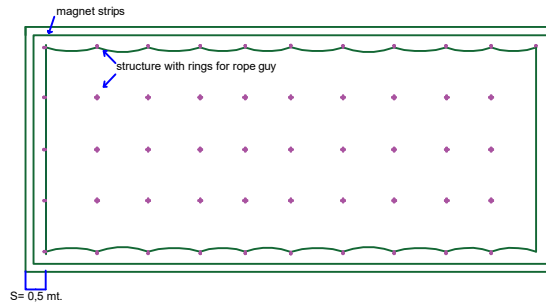
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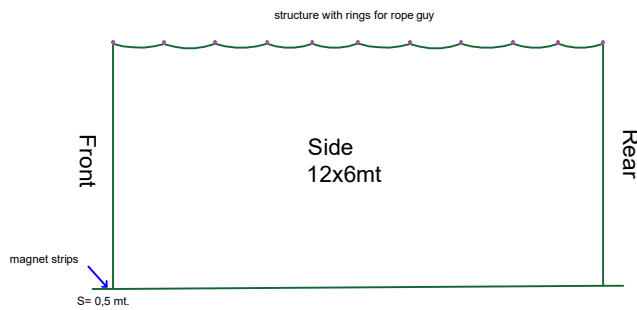
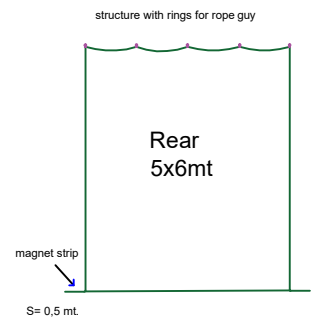
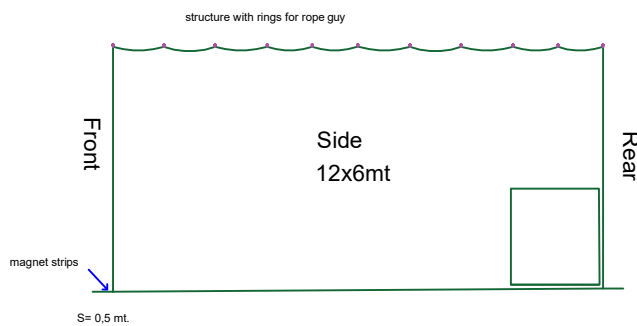
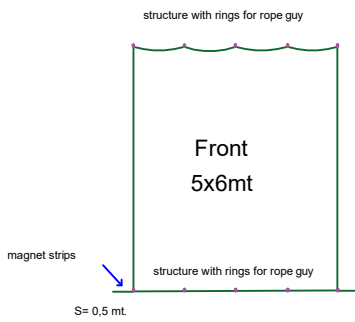


TENT IN METALIZED Cu-Ni FABRIC

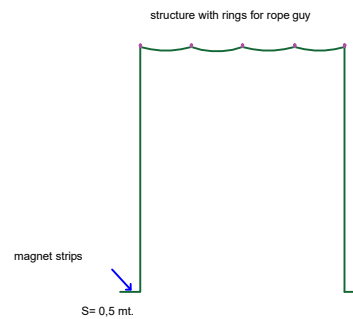
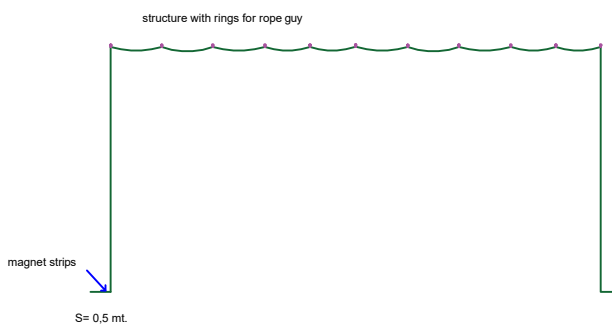
PLANT



VIEWS: front, side, back side, rear



SECTION



Sales Partner:

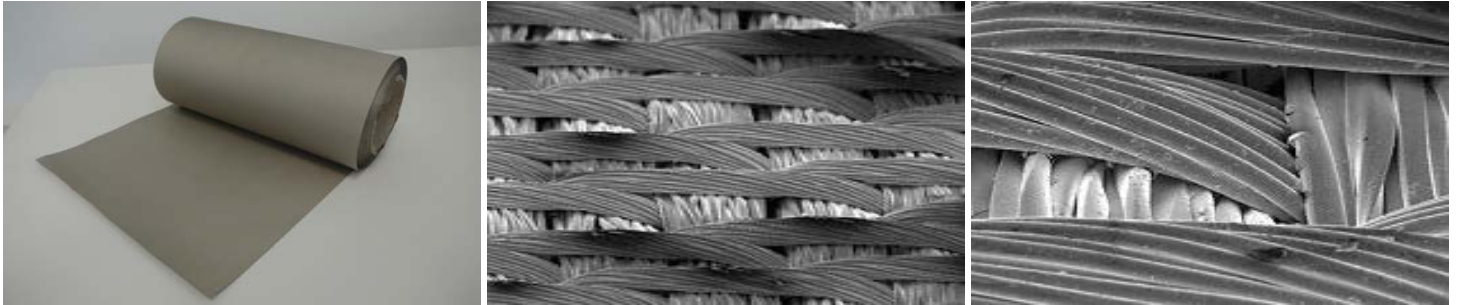


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TECHNICAL DATA SHEET

PRODUCT EMI shielding fabric
CODE 80.10027-00
P/N T.1100.SC.NICU.NA



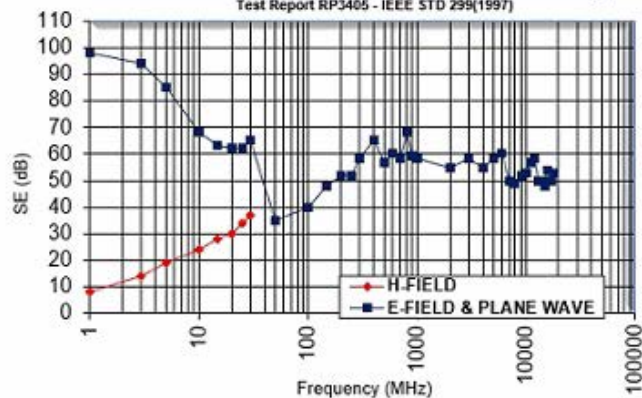
MATERIAL SPECIFICATIONS

Material code: 80.10027-00 - T.1100.SC.NICU.NA

DATA	VALUE
DESCRIPTION	Electrically conductive fabric
APPLICATIONS	Base material for room shielding, base material for EMI/RFI applications
TYPE OF FABRIC	Nickel Copper coated fabric
THICKNESS (mm)	0,23 +/- 0,02
TYPE OF RAW MATERIAL	Polyester fabric
MAX SURFACE RESISTIVITY (Ohm/sq)	0,1
COATING COMPONENT	Cu+Ni
TEMPERATURE RANGE (°C)	-40 to 90
TOTAL WEIGHT (g/mq)	150 +/-20
FLAMMABILITY RATING	NA
SHIELDING EFFECTIVENESS	

SHIELDING EFFECTIVENESS (1 MHz - 18 GHz)

Test Report RP3405 - IEEE STD 295(1997)



SAFETY DATA

The product is considered "article" according to REACH (Reg. 1907/2006), so it's not subject neither to the obligation of safety data sheet, nor of Classification and Labelling according to Reg 1272/2008 (CLP).

Use gloves to handle and avoid contact with irritated or injured skin

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