
ABS-TLF

RFID Absorber for UHF applications

ABS-LTF is a multilayer absorber material designed to absorb reflected signals on RFID applications in the UHF frequency range (800 MHz up to 1 GHz)

Applications :

- ABS-LTF is typically used on RFID tunnels and truck loading stations.
- By covering adjacent reflecting metal structures and separate RFID reading systems it optimises the applications RF readings.

Specifications :

Typical reflectivity performance is -18dB on the UHF frequency band.

In order to obtain optimum reflectivity performance the absorber material must be installed on a metal backing, this can be a metal plate or conductive foil.

Properties :

Thickness of the multilayer sheet material = 60mm

The back side is indicated or on request the front surface is painted white

Maximum service temperature : 90°C

Typical density : 45 Kg/m³

Availability :

ABS-LTF has a standard dimension of 610 x 610 x 60 mm (W x L x H)

On special request the material can be supplied to customer specific required dimensions.

The material can also be supplied already equipped with a metal backing : a thin galvanised plate (+ suffix - GB) or a conductive foil (+ suffix - CF).

ABS-LTF can also be supplied with a self-adhesive tape

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