

# AcuZorb F30D

## Description

A broad-band absorber comprising polyurethane foam with a bonded polyester non-woven fabric facing.

## Applications

- Off-road vehicles
- Wind-turbine nacelles

## Availability

- sheets
- Die-cut components

## Specification

### Polyester non-woven fabric:

(AcuZorb -D)

### Construction

..... 100% polyester, calendered & needlepunched

### Weight

ISO9073-1 ..... 80 gm<sup>-2</sup> ± 15%

### Thickness

..... 0.8 ± 0.2 mm

### Water repellancy (24 h.)

..... OK

### Oil repellancy (24h)

BS EN ISO 14419:1999..... OK

### Polyurethane foam:

“CMF55” - (AcuZorb F)

### Density

..... 48—52 kgm<sup>-3</sup>

### Hardness

BS4443..... 210 - 250 N

### Composite:

### Flammability

ISO9772 HFI (AU/1185)..... Pass

### Working temperature range

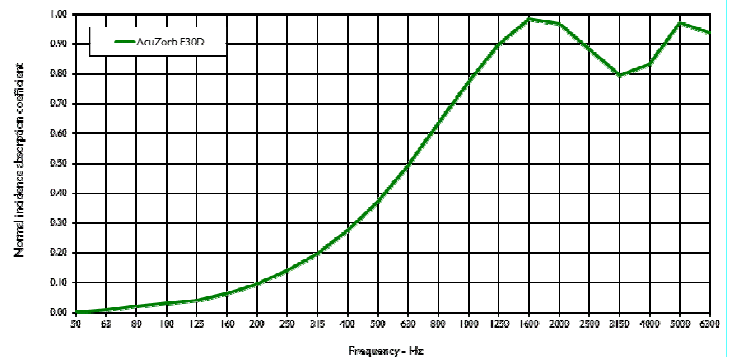
..... -20 to 120 °C

## A typical component



## Typical acoustic performance

Combined (small & large) Impedance tube tests to ASTM E1050-98



Acoustic performance is dependent upon material thickness and positioning relative to the noise source. Pritex acoustic department can advise upon the most effective treatment in individual cases.

### Notes

1. Product performance can be affected by adverse conditions e.g. contamination. Contact Pritex for advice.

2. Confirmation that individual orders meet additional specifications can be made and certificates of conformity issued if requested.