



GENERAL MANUFACTURING TOLERANCES

(Length, breadth and thickness)

			<u>Class 1</u>	<u>Class 2</u>
		up to 3mm	+/- 0.4mm	+/- 0.4mm
from 3		up to 6mm	+/- 0.5mm	+/- 0.5mm
from 6		up to 10mm	+/- 0.6mm	+/- 0.6mm
from 10		up to 18mm	+/- 0.8mm	+/- 0.8mm
from 18		up to 30mm	+/- 1.0mm	+/- 1.0mm
from 30		up to 50mm	+/- 1.5mm	+/- 1.5mm
from 50		up to 80mm	+/- 2.0mm	+/- 2.0mm
from 80		up to 120mm	+/- 2.5mm	+/- 2.5mm
from 120		up to 180mm	+/- 3.0mm	+/- 3.0mm
from 180		up to 250mm	+/- 3.0mm	+/- 4.0mm
from 250		up to 315mm	+/- 3.0mm	+/- 5.0mm
from 315		up to 400mm	+/- 3.0mm	+/- 6.0mm
from 400		up to 500mm	+/- 3.5mm	+/- 7.0mm
from 500		upward	+/- 0.7%	+/- 1.5%

Class 1 applies to fine cell foams: e.g. Plastazote and Alveo products.

Class 2 applies to coarse cell foam: e.g. Ethafoam.

A change of tolerances in either direction may be agreed between the interested parties, so that, for example, the permissible tolerance of +/- 0.5 may also be stated as + 1 – 0 or + 0 – 1 or + 0.3 – 0.7 etc.

EXCEPTION

Unless agreed otherwise, in writing, prior to placement of order, full sheets may include laminations. If this is the case, the following tolerances apply to full sheet only.

LENGTH & BREADTH TOLERANCES for FULL LAMINATED SHEET (Thickness tolerances as above)

From 0	to 75mm thickness	+/-	50mm
from 76	to 125mm thickness	+/-	60mm
from 126	upwards	+/-	75mm

MOULDED GOODS

Size (particularly thickness) quoted for moulded items is the pre-moulded size and is defined by first-off samples.

The tolerances listed above are the maximum levels and apply in all cases unless agreed otherwise, in writing, prior to placement of order. The tolerances will be taken at the time of manufacture. Please note that as polyethylene foam is thermoplastic, fluctuations in temperature will cause the material to expand or contract.