

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.