

# PURIPORE-RT

PURIPORE-RT grades are wholly open cell Reticulated Polyether based polyurethane foams. They exhibit excellent resistance to water, humidity, soap, oil and lubricants. Expansion of the products may occur depending on the concentration of organic based solvents. Available in a range of pore sizes from 10ppi to 70ppi.

Applications include pond and aquarium filtration, waste water treatment, mechanical filtration, and pre-filtration of air and water. Although ideal for water filtration polyether filter foams are also suitable for humidifiers, ventilation systems and acoustically transparent foam.

PURIPORE	RT10	RT20	RT30	RT45	RT70
<b>Nominal Pore Size</b> ppi	10	20	30	45	70
<b>Cell Count</b> cells/cm	2 - 4	5 - 6	7 - 9	10 - 13	16 - 19
<b>Density (ISO 845)</b> Kg/m <sup>3</sup>	22 - 26	22 - 26	21 - 25	21 - 26	27 - 33
<b>Compression Load Deflection</b> (ISO 3386/1) kPa	2.0- 4.0	2.0- 4.0	2.2- 4.2	2.2- 4.2	2.2- 4.2
<b>Tensile Strength (ISO 1798)</b> kPa	50 min	50 min	75 min	90 min	100 min
<b>Elongation @ Break (ISO 1798)</b> %	80 min	90 min	130 min	140 min	150 min
<b>Colours Available</b>	Charcoal Blue	Charcoal Green	Beige Green	Blue	Charcoal
<b>Sheet Size mm</b>	2000 x 1220				

Other pore sizes, formats and colours are available on request.

Also available are Reticulated Polyester foams, Activated Carbon impregnated foams, Rigid Reticulated foams and UL94 V0 rated foams.

Ref: F200599C PURIPORE-RT Data Sheet