

PURIPORE-FRS

PURIPORE-FRS grades are wholly open cell Reticulated Polyester based polyurethane foams. They exhibit excellent resistance to ultra violet light, and resistance to soap, oil and lubricants. Expansion of the products may occur depending on the concentration of organic based solvents. These grades are FR to FMVSS302. Available in a range of pore sizes from 20ppi to 80ppi.

Applications include air conditioning filters, automotive filters, ventilation, oil mist elimination, speaker fronts, cosmetics and separation filters.

PURIPORE	FRS20	FRS30	FRS45	FRS60	FRS80
Nominal Pore Size ppi	20	30	45	60	80
Cell Count cells/cm	5 - 6	7 - 9	10 - 13	14 - 17	18 - 21
Density (ISO 845) Kg/m ³	26 - 32	26 - 32	26 - 32	26 - 32	26 - 32
Compression Load Deflection (ISO 3386/1) kPa	2.1- 4.1	2.1- 4.1	2.6- 4.6	2.6- 4.6	2.- 4.6
Tensile Strength (ISO 1798) kPa	55 min	70 min	75 min	115 min	125 min
Elongation @ Break (ISO 1798) %	100 min	125 min	150 min	190 min	210 min
Flammability (ISO 3795) mm/minute (FMVSS 302)	100 max	100 max	100 max	100 max	100 max
Colour	CHARCOAL				
Temperature Range Continuous	-20°C to +70°C				
Sheet Size mm	2000 x 1220				

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

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

Ref: F200599B PURIPORE-FRS Data Sheet