

OPEN-CELL FOAM TECHNICAL BROCHURE

POLYURETHANE FOAM

GRADE	TYPE	DENSITY	HARDNESS (IFD 40%N)	COMFORT/IN DENT FACTOR	RESILLIENCE MIN. %	SHEET SIZE (approx)	COLOUR	FIRE RATING	WARRANTY*	TYPICAL USES
SS15-60	Standard	15kg/m ³	60 ±10	1.50	40	2100x1900mm	White	none	1 year	Soft Overlays, quilting, pillows, soft backs
N23-130	Medium	23kg/m ³	130 ±15	1.75	45	2100x1900mm	Grey	none	3 years	Overlays, backs on sofas, sofa arms, bedding in caravans, ottomans
N29-400	Premium	29kg/m ³	400 ±50	1.84	30	2100x1900mm	Charcoal	none	3 years	High load bearing, packaging applications, acoustics
N30-130	Premium	30kg/m ³	130 ±15	1.70	45	2100x1900mm	Pale Blue	none	5 years	Premium seating, premium backs, sofa arms, bedding in caravans
N31-190	Premium	31kg/m ³	190 ±20	1.75	35	2100x1900mm	Pale Green	none	5 years	Premium seating, sofa arms, automotive uses
N31-320	Premium	31kg/m ³	320 ±25	1.80	30	2100x1900mm	White	none	5 years	Premium firm seating, high load bearing
H35-200	Heavy Duty	35kg/m ³	200 ±20	1.80	40	2100x1900mm	Dark Blue	none	10 years	Heavy duty seating, transport seating
H42-500	Heavy Duty	42kg/m ³	500 ±60	1.80	20	2050x1800mm	Mauve	none	10 years	Transport seating, high load bearing, automotive uses
C-120	Heavy Duty	120kg/m ³	1050 ±250	NA	40	1990x1190mm	Multi	none	none	Very firm repol foam - high load bearing, gym mats, packaging
HR36-100	Commercial	36kg/m ³	100 ±15	2.44	50	2100x1900mm	Dark Green	CM5	10 years	Commercial - soft seats, backs, overlays
HR36-130	Commercial	36kg/m ³	130 ±30	2.40	50	2100x1900mm	Yellow	CM5	10 years	Commercial - medium seats, backs
HR40-230	Commercial	40kg/m ³	230 ±20	2.30	45	2100x1900mm	Salmon	CM5	10 years	Commercial - firm seats, office furniture, transport seating
HR50-320	Commercial	50kg/m ³	320 ±40	2.20	40	2100x1900mm	Dark Grey	CM5	10 years	Commercial - ultra-firm seats, office furniture, transport seating

RETICULATED POLYETHER FOAM (DRY FLOW)

GRADE	TYPE	DENSITY	HARDNESS (IFD 40%N)	COMFORT/IN DENT FACTOR	RESILLIENCE MIN. %	SHEET SIZE (approx)	COLOUR	FIRE RATING	WARRANTY*	TYPICAL USES
DF-SOFT	Medium	25kg/m ³	160 ±20	1.80	35	2000x1500mm	Pale Yellow	none	3 years	Outdoor furniture - backs & daybeds, marine, medical, filtration
DF-FIRM	Premium	32kg/m ³	270 ±20	1.80	30	2000x1500mm	Pale Yellow	none	3 years	Outdoor furniture - seats, marine, medical, filtration

SLOW RECOVERY VISCOELASTIC FOAM

GRADE	TYPE	DENSITY	HARDNESS (IFD 40%N)	COMFORT/IN DENT FACTOR	RESILLIENCE MIN. %	SHEET SIZE (approx)	COLOUR	FIRE RATING	WARRANTY*	TYPICAL USES
VG40-50	Memory	40kg/m ³	50 ±10	2.0	-	2100x1900mm	White	none	10 years	Soft overlays and toppers in conjunction with a firmer support foam

Other grades available on request. Minimum order quantities and leadtimes may apply.