



CARPENTER

We bring comfort to your life.™

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RICHFOAM[®] POLYETHER

European Standard Reference	Sweden Standard Reference	Colour	Code	Width	Height	Density kg/m ³ (1) Nett(7)	CLD kPa(2) CLD 40%	ILD Newtons ILD 40%	Fire behaviour(8)				Guide for Use
									FMVSS302(4)	CA TB 117(5)	CRIB V(6)	OEKO-TEX (9)	
RP23020	RP23080	White	H90	203	124	21	2.0	80				x	Backrest cushion
RP23030	RP23120	White Black	H90 H78	203	115	21	3.0	120				x	Backrest cushion and mattresses Dark colour for package
RP25023	RP25090	White	H90	203	120	23	2.3	90				x	Backrest cushion and bedding toppers
RP25035	RP25140	White	H90	204	124	23	3.5	140				x	Backrest cushion and beds
RP27030	RP27120	White	H90	205	124	25	3.0	120				x	Mattresses and backrest cushion
RP28036	RP28145	Yellow	H12	204	120	26	3.6	145				x	Mattresses and beds
RP28048	RP28190	Yellow	H12	205	118	26	4.8	190				x	Beds and furniture
RP30023	RP30090	White	H90	204	110	28	2.3	90				x	Beds and furniture
RP30038	RP30150	White	H90	202	110	28	3.8	150				x	Seat cushions
RP35025	RP35100	White	H90	206	105	33	2.5	100				x	Seat cushions and bedding toppers
RP35034	RP35135	White	H90	211	105	33	3.4	135				x	Seat cushions and mattresses
RP35039	RP35155	Blue	H52	206	108	33	3.9	155				x	Seat cushions and beds
RP35046	RP35185	Yellow	H12	205	111	33	4.6	185				x	Beds and furniture
RP35059	RP35235	White	H90	205	111	33	5.9	235				x	Beds and furniture

RICHFOAM[®] FR POLYETHER

RF28035	RF28140	Grey	H75	205	117	26	3.5	140	FMVSS302 (4)				Acoustic and automotive applications
RF40033	RF40130	Blue	H52	206	105	38	3.3	130	FMVSS302 (4)				Mattresses and automotive applications

SPECIAL PROGRAM

AS23029	AS23115	Red	H15	208	119	21	2.9	115					Antistatic for electronic applications
HS23014	HS23055	White	H90	214	109	21	1.4	55				x	Extra soft for cushions
HS45018	HS45070	White	H90	206	82	43	1.8	70				x	Bedding toppers and back cushions

CELSIUS[®] VISCO ELASTIC FOAM

VE50015	VE50062	White	H90	204	90	48	1.5	60				x	Mattresses and bedding toppers
VE52020	VE52080	Yellow	H12	204	90	50	2.0	80				x	Mattresses and bedding toppers
VE55025	VE55100	Yellow	H12	205	90	53	2.5	100				x	Mattresses and bedding toppers

RICHLUX[®] HIGH RESILIENCE

European Standard Reference	Sweden Standard Reference	Colour	Code	Width	Height	Density kg/m ³ (1) Nett(7)	CLD kPa(2) CLD 40%	ILD Newtons ILD 40%	Fire behaviour(8)	Guide for Use	
				cm	cm				OEKO-TEX (9)		
HR24016	HR24065	Light green	H62	203	108	22	1.6	65	FMVSS302(4), CAL TB 117 (5)	x	Backrest cushions
HR32019	HR32075	White	H90	205	108	30	1.9	75	FMVSS302(4), CAL TB 117 (5)	x	Backrest cushions and bedding toppers
HR32029	HR32115	Yellow	H12	213	112	30	2.9	115	FMVSS302(4), CAL TB 117 (5)	x	Seat cushions and mattresses
HR35025	HR35100	White	H90	204	108	33	2.5	100	FMVSS302(4), CAL TB 117 (5)	x	Seat cushions and bedding toppers
HR35034	HR35135	Yellow	H12	211	102	33	3.4	135	FMVSS302(4), CAL TB 117 (5)	x	Seat cushions and mattresses
HR38038	HR38150	Orange	H22	211	98	36	3.8	150	FMVSS302(4), CAL TB 117 (5)	x	Seat cushions and mattresses
HR44049	HR44195	White	H90	205	86	42	4.9	195	FMVSS302(4), CAL TB 117 (5)	x	Seat cushions and beds
HR44054	HR44215	White	H90	205	84	42	5.4	215	FMVSS302(4), CAL TB 117 (5)	x	Seat cushions and beds
HR50028	HR50110	Yellow	H12	213	87	48	2.8	110	FMVSS302(4), CAL TB 117 (5)	x	Seat cushions and mattresses
HR50068	HR50270	Blue	H52	203	70	48	6.8	270	FMVSS302(4), CAL TB 117 (5)	x	Hard seat cushions and beds

RICHGUARD[®] COMBUSTION MODIFIED HIGH RESILIENCE

RG32031	RG32125	White	H90	205	100	30	3.1	125	FMVSS302(4), CAL TB 117(5), Crib V(6)		CMHR for mattresses and seat cushions
RG45049	RG45195	Green	H55	205	91	43	4.9	195	FMVSS302(4), CAL TB 117(5), Crib V(6)		CMHR for seat cushions
RG55070	RG55280	White	H90	203	80	53	7.0	280	FMVSS302(4), CAL TB 117(5), Crib V(6)		CMHR for hard seat cushions

MOULDED FOAMS

RP5500	RP 55 00	Dark Grey	H78			55					
HR5500	HR 55 00	White	H90			55			FMVSS302(4), CAL TB 117(5) E4 (10)	x	
MD5500	MD 55 00	White	H90			53			FMVSS302(4), CAL TB 117(5) E4 (10)	x	
RG6000	RG 60 00	Green	H62			58			FMVSS302(4), CAL TB 117(5), Crib V(6)		
RG7500	RG 75 00	Green	H62			73			FMVSS302(4), CAL TB 117(5), Crib V(6)		
VE8000	VE 80 00	White	H90			78			FMVSS302(4), CAL TB 117(5)	x	

- (1) ISO 845
- (2) ISO 3386/1 (INDICATIVE)
- (3) EN ISO 2439/B
- (4) Federal Motor Vehicle Safety Standard 302
- (5) California Technical Bulletin 117-2013, Section 3
- (6) Furniture and Furnishings (Fire)(Safety) Regulations SI 1324 1988, Amended 1989, 1993, 2010
- (7) Nett density (Kg/m³)
- (8) - Reduced burning characteristics are guaranteed when leaving the factory.
- Carpenter Sweden AB cannot be held responsible for further treatment.
- (9) Oeko-Tex Standard 100 product class I, certificate number 1276-203
- (10) - Type-approved and Certified by the RDW
- Horizontal Burning rate according to ECE Regulation No 118, Annex 6
- Vertical burning rate according to ECE Regulation No. 118, Annex 8

- The given figures are average values to which our tolerances apply; susceptible to alterations.

Tolerance*	Length (cm)	Width (cm)	Height (cm)
AS/RF/PHS	0+2	0+2	0+4
HR/RG/GC/LS/NA	0+2	0+7	0+4
VE/NV	0+3	0+7	0+5

* Not valid for moulded foams

Net Density ⁽¹⁾ *		Hardness ⁽³⁾	
Min.	-5%	Min.	-15%
Max	+5%	Max	+15%

* Not valid for moulded foams

Tolerance Moulded Foams

Net Density ⁽¹⁾		Hardness ⁽³⁾	
Min.	-10%	Min.	x
Max	+10%	Max	x

CODE-KEY FOR LETTERS

- AM Antimicrobial Polyether
- AS Antistatic Polyether
- FL Flame Laminatable Polyether
- GC Large cell Polyether
- HR High Resilience
- HS Hypersoft
- LS Lastilux
- NA Naturalis
- NV Naturalis Visco
- RB Richbond Combustion Modified Rebond
- RF Fire retardent Polyether
- RG Combustion Modified High Resilience
- RP Standard Polyether
- RS Sponge
- RX Combustion Modified Polyether
- VA Celsius Visco Elastic with Antimicrobial
- VC Celsius Combustion Modified Visco Elastic
- VE Celsius Visco Elastic
- VG Clima Visco Elastic
- VL Celsius Combustion Modified Viscolux.

CODE – KEY FOR FOAM PROCESS

- V Vertical process
- H Horizontal process



RDW



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