



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/m³ ⁽¹⁾ Nett ⁽⁷⁾	CLD	ILD	Fire behaviour ⁽⁸⁾				Guide for Use
				cm	cm		kPa ⁽²⁾ CLD 40%	Newtons ILD 40%	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
RP35044	RP35175	Yellow	H12	205	106	33	4,4	175				x	Beds and furniture
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⁾			x	Acoustic and automotive applications
RF40033	RF40130	Blue	H52	206	105	38	3,3	130	FMVSS302 ⁽⁴⁾			x	Mattresses and automotive applications

SPECIAL PROGRAM

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	H13	204	90	50	2,0	80				x	Mattresses and bedding toppers
VE55025	VE55100	Yellow	H13	205	90	53	2,5	100				x	Mattresses and bedding toppers

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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
									FMVSS302(4)	CA TB 117(5)	CRIB V(6)	OEKO-TEX (9)	
									cm	cm			
HR23014	HR23055	Light green	H62	211	108	21	1,4	55	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	Yellow	H12	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	Light blue	H52	203	70	48	6,8	270	FMVSS302(4), CAL TB 117 (5)		x	Hard seat cushions and beds	
HR53021	HR53085	Grey	H70	205	85	51	2,1	85	FMVSS302(4), CAL TB 117 (5)		x	Seat cushions and mattresses, toppers	
HR65018	HR65071	White	H90	205	85	53	1,8	70	FMVSS302(4), CAL TB 117 (5)		x	Seat cushions and mattresses, toppers	

RICHGUARD® COMBUSTION MODIFIED HIGH RESILIENCE

RG32031	RG32125	White	H90	205	100	30	3.1	125	FMVSS302(4), CAL TB 117(5), Crib V(6)		x	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)		x	CMHR for seat cushions
RG55070	RG55280	White	H90	203	80	53	7,0	280	FMVSS302(4), CAL TB 117(5), Crib V(6)		x	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)		x	
RG7500	RG 75 00	Green	H62			73			FMVSS302(4), CAL TB 117(5), Crib V(6)		x	
VE8000	VE 80 00	White	H90			78			FMVSS302(4), CAL TB 117(5)		x	

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- (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)
AM/AS/RF/RS/RX	0+2	0+2	0+4
AU/RG/HR/LS/NA/GC/HS	0+2	0+7	0+4
VA/VC/VE/VG/VL/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

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RDW



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CODE-KEY FOR LETTERS

- AM Richfoam Antimicrobial Polyether
- AS Richfoam Antistatic Polyether
- AU Richguard Aurora Combustion Modified High Resilience
- FL Richfoam Flame laminatable Polyether
- GC Large cell Polyether
- HR Richlux High Resilience
- HS Hypersoft
- HY Endure Hybrid High Resilience
- LS Lastilux High Resilience
- NA Naturalis Hypersoft
- NV Naturalis Visco elastic
- RB Richbond Combustion Modified Rebond
- RF Richfoam Fire retardant Polyether
- RG Richguard Combustion Modified High Resilience
- RP Richfoam Standard Polyether
- RS Richfoam Sponge Polyether
- RX Richguard Extra Combustion Modified Polyether
- SE Serene
- 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

- H Horizontal process
- V Vertical process