



CARPENTER

We bring comfort to your life.®

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RICHFOAM[®] POLYETHER

European Standard Reference	Colour	Code	Width (9)-(10) cm	Height (9)-(10) cm	Density kg/m ³ (1) Nett	CLD kPa ⁽²⁾ CLD 40%	ILD (Indication) ⁽³⁾ ILD 40%	Fire behaviour ⁽⁸⁾	Guide for Use		
										LGA (11), Oeko-Tex (13)	
RP17025	White	H90	203	125	15	2,5	80	LGA (11), Oeko-Tex (13)	quilting foam, packaging		
RP20020	White	H90	203	125	18	2,0	70	LGA (11), Oeko-Tex (13)	quilting foam, packaging, backrest cushion, entry quality pillows		
RP20035	White	H90	203	125	18	3,3	120	LGA (11), Oeko-Tex (13)	quilting foam, pillow padding		
RP24030	Anthracite	H79	203	120	23	3,3	140	LGA (11), Oeko-Tex (13)	technique		
RP24040	White	H90	203	125	22	4,0	150	LGA (11), Oeko-Tex (13)	hard cushion for seats and spring mattresses		
RP25016	White	H90	203	120	23	1,8	80	LGA (11), Oeko-Tex (13)	backrest cushion, pillow padding, necksupport pillow		
RP27045	Pale Yellow	H12	203	125	25	4,5	170	LGA (11), Oeko-Tex (13)	compression rolled mattress, cushion seat		
RP28030	Pale Green	H61	203	125	26	3,2	150	LGA (11), Oeko-Tex (13)	high quality backrest cushion		
RP28065	White	H90	203	120	26	6,5	250	LGA (11), Oeko-Tex (13)	hard cushion foam, packaging		
RP30048	Pale Blue White	H51 H90	203	125	28	4,8	200	LGA (11), Oeko-Tex (13)	mattress, cushion seat		
RP32030	White	H90	203	125	30	3,0	140	LGA (11), Oeko-Tex (13)	medium quality mattresses		
RP32040	White	H90	203	125	30	4,0	180	LGA (11), Oeko-Tex (13)	medium quality mattresses		
RP33038	Beige	H21	203	122	31	3,8	180	LGA (11), Oeko-Tex (13)	high grade mattresses, not for cushion seat		
RP33060	Pale Blue	H51	203	110	31	6,0	240	LGA (11), Oeko-Tex (13)	gymnastic mat		
RP35045	Pale Blue	H51	203	125	33	4,8	220	LGA (11), Oeko-Tex (13)	hard cushion seat		
RP35055	White	H90	203	110	33	5,5	240	LGA (11), Oeko-Tex (13)	hard cushion seat		
RP36045	White	H90	203	125	34	4,5	200	LGA (11), Oeko-Tex (13)	high grade compression rolled mattress		
RP40037	Gold	H21	203	95	38	3,7	180	LGA (11), Oeko-Tex (13)	high quality grade for mattresses		
RP40045	White	H90	203	120	38	4,8	220	LGA (11), Oeko-Tex (13)	high quality grade for mattresses		
RP50080	Pale Apricot	H12	203	100	48	8,0	350	LGA (11), Oeko-Tex (13), FMVSS302(4)	hard special grade quality		



RICHFOAM[®] POLYETHER FIRE RETARDANT

Grade	Colour	Code	Width (9)-(10) cm	Height (9)-(10) cm	Density kg/m ³ (1) Net	CLD kPa ⁽²⁾ CLD 40%	ILD (indication) ⁽³⁾ ILD 40%	Fire behaviour ⁽⁸⁾	Guide for Use
RF26030	Anthracite	H79	203	110	25,5	3,3	150	FMVSS302(4), Oeko-Tex (13)	technical, punching, coating
RF30045	Anthracite	H78	203	120	28	4,5	200	FMVSS302(4), Oeko-Tex (13)	technical, punching, coating, sealing
RF40065	White	H90	203	110	38	6,5	240	FMVSS302(4), Oeko-Tex (13)	flame retardant contract furniture and upholstery

RICHLUX[®] HIGH RESILIENCE

HR35026	Turquoise	H53	204	116	33	2,6	130	LGA (12), Oeko-Tex (13)	soft mattress components
HR35034	Apricot	H42	204	115	33	3,4	130	LGA (12), Oeko-Tex (13)	medium hard cushion seat
HR35044	Peach	H32	204	100	33	4,4	170	LGA (12), Oeko-Tex (13)	firm cushion seat
HR40026	Light Red	H30	205	86	39	2,6	100	Oeko-Tex (13)	high quality mattresses, furniture
HR40030	Beige	H21	204	95	38	3,0	120	LGA (12), Oeko-Tex (13), FMVSS302(4)	segment of medium quality grade for mattresses
HR40036	Yellow	H12	204	95	38	3,6	150	LGA (12), Oeko-Tex (13), FMVSS302(4)	segment of medium quality grade for mattresses
HR40045	Beige	H21	204	95	38	4,5	200	LGA (12), Oeko-Tex (13), FMVSS302(4)	segment of medium quality grade for mattresses
HR45030	White	H90	204	86	43	3,2	150	LGA (12), Oeko-Tex (13), FMVSS302(4)	high quality mattress components and pillows
HR45038	Pale Yellow	H12	204	86	43	3,8	190	LGA (12), Oeko-Tex (13), FMVSS302(4)	high quality mattress components and pillows
HR45045	Green	H68	204	86	43	4,5	220	LGA (12), Oeko-Tex (13), FMVSS302(4)	high quality mattress components and pillows
HR50030	Rose	H31	204	102	48	3,0	120	LGA (12), Oeko-Tex (13), FMVSS302(4)	segment of high quality grade for mattresses
HR50038	Red	H39	204	102	48	3,8	150	LGA (12), Oeko-Tex (13), FMVSS302(4)	segment of high quality grade for mattresses
HR50045	Yellow	H12	204	102	48	4,5	180	LGA (12), Oeko-Tex (13), FMVSS302(4)	segment of high quality grade for mattresses

CELSIUS[®] VISCO ELASTIC FOAM

VE52018 ⁽⁵⁾	White	H90	202	85	50	1,8	60	FMVSS302(4), Oeko-Tex (14)	mattress components, pillows
VE52025 ⁽⁵⁾	Yellow	H15	202	85	50	2,5	90	FMVSS302(4), Oeko-Tex (14)	mattress components, pillows

NATURALIS[®] HYPERSOFT[®]

NA35015	Yellow	H15	220	80	33	1,5	51	Oeko-Tex (14)	Extra soft grade for back cushions and mattresses & rolls
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HYPERSOFT[®]

HS41023	Pale Green	H61	205	80	39	2,3	90	Oeko-Tex (15)	furniture, mattresses
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- (1) ISO 845
- (2) ISO 3386/1
- (3) ISO 2439/B
- (4) Federal Motor vehicle Safety Standard 302
- (5) Classement de réaction au feu d'un matériau; établi conformément à l'article 88 de l'arrêté du 30 Juin 1983 modifié par l'arrêté du 22 Novembre 2002.
- (6) Furniture and Furnishings (Fire) (Safety) Regulations SI 1324 1988, Amended 1989, 1993 and 2010
- (7) Modified ISO 3386/1 and/or ISO 2439/B
- (8)-Reduced burning characteristics are guaranteed when leaving the factory.
Carpenter cannot be held responsible for further treatment.
- (9) Dimensions in cm
- (10) Other dimensions on request
- The given figures are average values to which our tolerances apply; susceptible to alterations.
- (11) LGA: tested for contaminants; certificate number LH 60095671 0001; certificate of quality available on request
- (12) LGA: tested for contaminants; certificate number LH 60095673 0001; certificate of quality available on request
- (13) Certificate Öko-Tex Standard 100, Group I, institute: Centexbel, certificate number 1309035
- (14) Certificate Öko-Tex Standard 100, Group I, institute: Centexbel, certificate number 0203022
- (15) Certificate Öko-Tex Standard 100, Group I, institute: Centexbel, certificate number 1308026

Tolerance ⁽⁹⁾	Length (cm)	Width (cm)	Height (cm)
RF-RP-RX	0/+2	0/+2	0/+4
HR-RG-GC-LS-NA	0/+2	0/+7	0/+4
VE-VC-VL-NV	0/+3	0/+7	0/+5

Net Density		Hardness ⁽²⁾	
Min.	-5%	Min.	-15%
Max	+5%	Max	+15%

THE CARPENTER LOGO, "WE BRING COMFORT TO YOUR LIFE"®, RICHFOAM®, RICHGUARD®, RICHBOND®, CELSIUS®, NATURALIS® and HYPERSOFT® are all registered trademarks of Carpenter Co.

CODE-KEY FOR LETTERS

- AM Antimicrobial Polyether
- AS Antistatic Polyether
- FL Flame laminatable polyether
- GC Large cell polyeter
- HR High Resilience
- HS Hypersoft
- LS Lastilux
- NA Naturalis
- NV Naturalis Visco
- RB Richbond combustion modified rebond
- RF Fire retardant 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