

Vitafoam Foam Classifications

TECHNOFLEX RANGE

TECHNOFLEX

Foam Grade	Trade Name	Colour	Class	Type	Grade	In House Hardness range		Core Density Kg/M ³	Nominal Density Kg/M ³	Compression % Max	Elongation % Min	Tensile kPa min	Recommended Application
						Newtons SANS 883	Kilograms SANS 640 *						
VP45FR		Grey	A	MB	130	130 - 150	13.2 - 15.3	21.0 - 24.0	23	10	150	70	Medium to Premium - Mattress Topper; General Upholstery; Mattresses; Specialize flame retardant application
SS 32 Gel	GelPolyFlex	Spotted Blue	S	MB	100	86 - 110	8.6 - 11.0	30.0 - 33.0	32	10	150	60	Ultra Premium - Quilting; Mattress Topper for Thermal Regulation
SS 32 Copper Cool	Copper Cool 32	Grey spotted copper	S	MB	100	86 - 110	8.6 - 11.0	14.0 - 17.0	16	10	150	60	Ultra Premium - Quilting; Mattress Topper for Thermal Regulation
Ultraflex	Ultraflex	Yellow	V	HB	130	130 - 150	13.1 - 15.3	43.0 - 46.0	45	8	90	50	Ultra Premium - Mattress Topper; Mattresses; Seat Cushions
R300S	Reflex300 Soft		V	HB	100	86 - 110	10.0 - 14.0	28.0 - 31.0	30	12	90	50	High resilient flame retardant seating foam
R300H	Reflex300 Hard		V	HB	130	130 - 150	14.0 - 18.0	28.0 - 31.0	30	12	90	50	High resilient flame retardant seating foam
R300	Reflex 300	Blue	V	HB	130	130 - 150	13.1 - 15.3	28.0 - 31.0	30	12	90	50	High Resilient Flame Retardant Seating Foam Crib 5
R320	Reflex320	Dark Grey	S	HB	130	130 - 150	13.1 - 15.3	33.0 - 36.0	35	12	90	50	High Resilient Flame Retardant Seating Foam Crib 5
R400H	Reflex400	White	V	HB	170	170 - 190	17.3 - 19.4	48.0 - 51.0	50	8	90	50	Ultra Premium - Mattress Topper; Mattresses; Seat Cushions
R450	Reflex450	Olive	V	HB	130	130 - 150	13.1 - 15.3	43.0 - 46.0	45	12	90	50	High Resilient Flame Retardant Seating Foam Crib 5
VE45 Soft	VitaMemoryFlex-S 450	White	V	LB	50	41 - 60	4.0 - 7.0	43.0 - 46.0	45	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer
VE45 Medium	VitaMemoryFlex-M 450	Yellow	V	LB	50	61 - 85	6.0 - 8.6	43.0 - 46.0	45	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer
VE55 Gel	GelFlex	Spotted Blue	V	LB	50	61 - 85	6.0 - 8.6	53.0 - 56.0	55	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer with Thermal Regulation
Earth Gel	Earth Gel	Blue spotted green and copper particles	V	LB	50	61 - 85	6.0 - 8.6	53.0 - 56.0	55	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer with Thermal Regulation
Copper Gel	Copper Gel	Copper spotted copper particles	V	LB	50	61 - 85	6.0 - 8.6	53.0 - 56.0	55	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer with Thermal Regulation
Ceramic Gel	Ceramic Gel	Grey spotted green and silver	V	LB	50	61 - 85	6.0 - 8.6	53.0 - 56.0	55	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer with Thermal Regulation
Dual Phase/ Thermo Breeze	Dual Phase/Thermo Breeze	White spotted pink and blue	V	LB	50	61 - 85	6.0 - 8.6	53.0 - 56.0	55	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer with Thermal Regulation
Black Diamond Gel	Black Diamond Gel	Grey spotted silver particles	V	LB	50	61 - 85	6.0 - 8.6	53.0 - 56.0	55	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer with Thermal Regulation
Plushflex	Plushflex	White	V	HB	50	41 - 60	4.0 - 7.0	63.0 - 66.0	65	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer

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						Newtons SANS 883	Kilograms SANS 640 *						
Latex Soft	PolyLatex-S	Pink	V	HB	70	86 - 110	8.6 - 11.0	63.0 - 66.0	65	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer
Latex Medium	PolyLatex-M	Yellow	V	HB	100	120 - 140	12.0 - 14.0	63.0 - 66.0	65	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer
Ceramex	PolyLatex-M	Grey spotted green and silver	V	HB	70	86 - 110	8.6 - 11.0	63.0 - 66.0	65	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer with Thermal Regulation
Thermo Dual	PolyLatex-M	Pink spotted pink and blue	V	HB	70	86 - 110	8.6 - 11.0	63.0 - 66.0	65	8	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer with Thermal Regulation
HS42 FR		Blue	V	MB	130	130 - 150	13.2 - 15.3	39.0 - 43.0	42	6	150	70	Premium - Mattress Topper; Mattresses; Seat Cushions, Specialized flame retardant application
HybridFlex	HybridFlex	Lilac	S	LB	50	61 - 85	6.0 - 8.6	43.0 - 46.0	45	12	90	50	Ultra Premium - Mattress Topper; Plush Seat Layer