

Vitafoam Foam Classifications

POLYFLEX RANGE

Foam Grade	Trade Name	Class	Type	Grade	Hardness SANS 883	Hardness SANS 640 *	Core Density	Compression	Elongation	Tensile
					Newtons	KG *	Kg/M ³	% Max	% Min	kPa min
VP4			MB	50	41 - 60	5.0 - 7.0	7.0 - 9.0			
B8			MB	50	41 - 60	5.0 - 7.0	7.0 - 9.0			
VP9			MB	70	61 - 85	7.0 - 10.0	8.0 - 10.0			
Duralite			MB	70	61 - 85	7.0 - 10.0	8.0 - 10.0			
VP12		L	MB	100	86 - 110	10.0 - 14.0	10.5 - 13.0	10	150	60
VP20		L	MB	100	86 - 110	10.0 - 14.0	14.5 - 16.0	10	150	60
VP16		L	MB	100	86 - 110	10.0 - 14.0	14.5 - 16.0	10	150	60
NovaFlex Peeling		L	MB	100	86 - 110	10.0 - 14.0	12.0 - 14.0	10	150	60
SP18		A	MB	50	41 - 60	5.0 - 7.0	14.5 - 17.0	10	150	70
VBB		A	MB	70	61 - 85	7.0 - 10.0	15.0 - 17.0	10	150	70
VP25		A	MB	100	86 - 110	10.0 - 14.0	15.0 - 17.0	10	150	70
VP30		A	MB	130	115 - 150	14.0 - 18.0	15.0 - 17.0	10	150	70
VP35		A	MB	131	116 - 150	14.0 - 18.1	17.0 - 20	10	150	70
VP30 Peeling		A	MB	130	115 - 150	14.0 - 18.0	17.0 - 19.0	10	150	70
LHL300		A	MB	130	115 - 150	14.0 - 18.0	18.0 - 20.0	10	150	70
VP45		A	MB	130	115 - 150	14.0 - 18.0	21.0 - 23.0	10	150	70
VP45 Peeling		A	MB	130	115 - 150	14.0 - 18.0	21.0 - 23.0	10	150	70
VP55		A	MB	170	155 - 190	18.0 - 22.0	21.0 - 23.0	10	150	70
VP60		S	MB	130	115 - 150	14.0 - 18.0	24.0 - 26.0	10	150	70
Vitaflex		S	MB	130	115 - 150	14.0 - 18.0	24.0 - 26.0	10	150	70
VP70 Pink		S	MB	170	155 - 190	18.0 - 22.0	24.0 - 26.0	10	150	70
VP65 Grey		S	MB	170	155 - 190	18.0 - 22.0	24.0 - 26.0	10	150	70
VP70 Olive		S	MB	130	115 - 150	14.0 - 18.0	27.0 - 30.0	10	150	70
VP70 Grey		S	MB	170	155 - 190	18.0 - 22.0	27.0 - 30.0	10	150	70
LHL400		S	MB	130	115 - 150	14.0 - 18.0	27.0 - 30.0	10	150	70
Superflex	SS22	S	MB	100	86 - 110	10.0 - 14.0	20.0 - 23.0	10	150	70
Superflex Ultra	SS26	S	MB	100	86 - 110	10.0 - 14.0	22.0 - 26.0	10	150	70
SP14		S	MB	100	86 - 110	10.0 - 14.0	27.0 - 30.0	10	150	70
SP15		S	MB	70	61 - 85	7.0 - 10.0	27.0 - 30.0	10	150	70
LHL420		V	MB	70	61 - 85	7.0 - 10.0	32.0 - 35.0	6	150	70
LHL450		V	MB	130	115 - 150	14.0 - 18.0	32.0 - 35.0	6	150	70
LHL500		V	MB	170	155 - 190	18.0 - 22.0	32.0 - 35.0	6	150	70
SupportFlex		V	MB	210	195 - 235	22.0 - 25.0	32.0 - 35.0	6	150	70

TECHNOFLEX RANGE

Trade Name	Grade Reference	Class	Type	Grade	Hardness Range	Hardness SANS 640 *	Core Density	Compression	Elongation	Tensile
					Newtons	KG *	Kg/M ³	% Max	% Min	kPa min
NovaFlex	NovaFlex	L	MB	50	41 - 60	5.0 - 7.0	12.5 - 14.0	10	150	60
GelPolyFlex	SS 32 Gel	S	MB	100	86 - 110	10.0 - 14.0	28.0 - 32.0	10	150	70
Ultraflex	Ultraflex	V	HB	130	115 - 150	14.0 - 18.0	42.0 - 45.0	8	90	50
Reflex300 Soft	R300S	S	HB	100	86 - 110	10.0 - 14.0	28.0 - 30.0	12	90	50
Reflex300 Hard	R300H	S	HB	130	115 - 150	14.0 - 18.0	28.0 - 33.0	12	90	50
Reflex320	R320	S	HB	130	115 - 150	14.0 - 18.0	28.0 - 33.0	12	90	50
Reflex400	R400H	V	HB	170	155 - 190	18.0 - 22.0	46.0 - 50.0	8	90	50
DuraFlex	HS40	V	MB	150	115 - 150	14.0 - 18.0	38.0 - 45.0	6	150	70
VitaMemoryFlex-S 450	VE45 Soft	V	LB	50	41 - 60	5.0 - 7.0	42.0 - 45.0	8	90	50
VitaMemoryFlex-M 450	VE45 Medium	V	LB	50	61 - 85	7.0 - 10.0	42.0 - 45.0	8	90	50
GelFlex	VE55 Gel	V	LB	50	61 - 85	7.0 - 10.0	50.0 - 60.0	8	90	50
VitaMemoryFlex 700	VE70	V	LB	70	61 - 85	7.0 - 10.0	66.0 - 70.0	8	90	50
PlushFlex	Plusflex	V	HB	50	41 - 60	5.0 - 7.0	55.0 - 65.0	8	90	50
PolyLatex-S	Latex Soft	V	HB	70	86 - 110	10.0 - 14.0	55.0 - 65.0	8	90	50
PolyLatex-M	Latex Medium	V	HB	100	115 - 150	14.0 - 18.0	55.0 - 65.0	8	90	50
HybridFlex	HybridFlex	S	LB	50	61 - 85	7.0 - 10.0	40.0 - 45.0	12	90	50

* NB - SABS 640 has been discontinued.

POLYFLEX

TECHNOFLEX