



Siplex® Shield

Machine guard windows with additional benefits



Siplex® Shield as per EN 12417 machining centres

Type	6.03.07	6.03.10	6.03.13	6.03.20	6.03.14	6.03.16	6.03.25	6.03.19	6.03.21	6.03.24	6.03.34
Thickness in mm	8	12	14	20,5	14	16	21	18	20	25	34
Weight in kg/m ²	18	25	32	49	27,5	30	41	31	33	41	53
Energy in Joule	60	80	115	160	480	514	845	1116	1457	2000	2500
Sound pressure guideline value (db)	31	31	32	33							
Max. dimensions	1200 x 2000 mm										
Splinter detachment	No										

Siplex® Shield as per EN 23125 lathes + machining centres

Type	6.04.09	6.04.10	6.04.12	6.04.13	6.04.14	6.04.15	6.04.17	6.04.23	6.04.25	6.04.34	6.04.34
Resistance class	A1	A2	A3	B1	B2	B3	C1	C2	C3	C3	C3
Thickness in mm	10	13	16	14	18	20	18	20	25	29	34
Weight in kg/m ²	20	22	27,5	25	30	29	31	33	41	50	53
Energy in Joule	320	781	2000	1562	2480	4000	3124	4960	8000	9500	13000
Sound pressure guideline value (db)	31	31	32	32	32	33					
Max. dimensions	1200 x 2000 mm										
Splinter detachment	No										

Type	6.05.27	6.05.27	6.05.32	6.05.32	6.05.32
Resistance class	PK1	PK2	PK3	PK4	PK5
Thickness in mm	47	47	47	51	51
Weight in kg/m ²	85	85	85	90	90
Energy in Joule	10000		12000		14000
Sound pressure guideline value (db)	33				
Max. dimensions	1200 x 2000 mm				
Splinter detachment	No				

Siplex Shield laminated safety glass not only has the familiar advantages of **Siplex®** for operator protection, but also has a special additional benefit: it deflects a large proportion of the kinetic energy which occurs. **Siplex® Shield** is available in different versions, depending on the required field of application.