

WKDT

Treated fabrics, tapes & cords

Product forms and specifications for material selection.

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Product forms, material composition and specification tables.

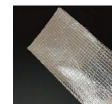
For grade selection, samples and current specifications, contact inquiry@weikongda.com.

Silicone-coated glass & silica fabrics



Total (g/m²)	Base material	Base weave	Finished thickness (mm)	Faces	Coating (g/m²)
500	E-glass	4HS	0.42	1	80
520	E-glass	4HS	0.42	1	100
550	E-glass	4HS	0.42	2	130
580	E-glass	4HS	0.42	2	160
720	Silica	8HS	0.7	1	120
720	Silica	8HS	0.7	2	130
800	Silica	8HS	0.7	2	200
890	E-glass	8HS	0.8	1 / 2	260
940	E-glass	8HS	0.8	2	300
1080	E-glass	8HS	0.95	1 / 2	200
1100	E-glass	8HS	0.95	2	260
1700	E-glass	8HS	1.2	1	900
1850	E-glass	Plain	1.3	1	800
2550	E-glass	Plain	1.5	2	1550
3200	E-glass	Plain	3.2	1	2200

Aluminium / glass laminates



Total (g/m²)	Base material	Finished thickness (mm)	Base weave
115	E/C-glass	0.12	Plain
240	E/C-glass	0.19	Plain
400	E-glass	0.5	Plain
480	E/C-glass	0.43	4HS
660	E/C-glass	0.6	Double plain
660	E-glass	0.8	Plain
680	High-silica	0.7	8HS
900	E/C-glass	0.8	Double plain
1100	E-glass	1.5	Plain
1200	High-silica	1.3	12HS

PU / PVC coated glass fabrics



Total (g/m ²)	Base material	Coating	Base (g/m ²)	Coating (g/m ²)	Base thickness (mm)	Finished thickness (mm)	Faces	Base weave
240±20	E/C-glass	PVC	140±3	100±20	0.15±5%	—	—	—
300±5%	E/C-glass	PU	260±10%	40	0.26±5%	—	—	—
380	E/C-glass	PVC	280±10%	100	0.30±5%	—	—	—
450	E/C-glass	PU	—	30	—	0.42	1 / 2	4HS
470	E/C-glass	PU	—	60	—	0.42	2	4HS
630	E/C-glass	PU	—	30	—	0.75	1 / 2	Double plain
630	High-silica	PU	—	30	—	0.7	1	8HS
680	E/C-glass	PU	—	40	—	0.75	1 / 2	8HS
700	E/C-glass	PU	—	100	—	0.8	2	Plain
720	E/C-glass	PU	—	80	—	0.75	2	8HS
1100	E/C-glass	PU	—	100	—	1.0	2	Plain
1150	High-silica	PU	—	50	—	1.0	1	12HS

PTFE-coated glass fabrics



Total (g/m ²)	Base material	Finished thickness (mm)	Faces	Base weave
140	E-glass	0.13	2	Plain
250	E-glass	0.18	2	Plain
560	E-glass	0.4	2	4HS
580	E-glass	0.33	2	2/2 twill
720	E-glass	0.33	2	Plain

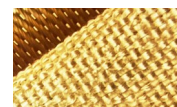
Acrylic, vermiculite & treated fabrics



Total (g/m ²)	Base material	Coating	Base weave	Finished thickness (mm)
320	E/C-glass	Vermiculite	Plain	0.4
380	E/C-glass	PVC	Plain	0.3
410	E/C-glass	PVC	Plain	0.4
450	E/C-glass	Acrylic	4HS	0.42
490	E/C-glass	Acrylic	4HS	0.42
520	E/C-glass	Acrylic	4HS	0.42
550	E/C-glass	Neoprene	4HS	0.4
600	E/C-glass	Acrylic	Double plain	0.6
600	E/C-glass	Acrylic	Plain	0.75
620	E/C-glass	Vermiculite	Plain	0.75

Total (g/m ²)	Base material	Coating	Base weave	Finished thickness (mm)
640	High-silica	Vermiculite	8HS	0.7
780	E/C-glass	Neoprene	Plain	0.75
800	E/C-glass	Acrylic	Double plain	0.8
830	E/C-glass	Acrylic	Plain	0.95
840	E/C-glass	Vermiculite	Plain	0.95
1030	E/C-glass	Acrylic	Plain	1.3
1050	E/C-glass	Vermiculite	Plain	1.3
1100	E/C-glass	Graphite	Plain	1.3
1180	High-silica	Vermiculite	12HS	1.3
2000	E/C-glass	FKM	12HS	1.3
2000	E/C-glass	EPDM	12HS	1.3

High-silica fabrics



Weight (g/m ²)	SiO ₂ (%)	Weave	Thickness (mm)	Width (mm)	Thread count (ends/cm)	Tolerance (%)
240	>96	Plain	0.26	—	Warp 16 Weft 11	±5
300	>96	8HS	0.3	—	Warp 18 Weft 11	±5
300±30	≥96	3/1 twill	0.35±0.05	920	Warp 18.5 Weft 12.5 ±2	—
500±30	≥96	8HS	0.60±0.05	920	Warp 18.5 Weft 12.5 ±2	—
600	>80	8HS	0.6	—	Warp 18 Weft 13	±5
600	>96	8HS	0.6	—	Warp 18 Weft 13	±5
600±30	≥96	8HS	0.70±0.05	920 / 1000 / 840-860	Warp 18.5 Weft 12.5 ±2	—
1100	>80	12HS	1.3	—	Warp 18 Weft 13	±5
1100	>96	12HS	1.3	—	Warp 18 Weft 13	±5
1200	>96	Plain	2.0	—	Warp 5 Weft 5	±5
1250±50	≥96	12HS	1.30±0.10	920 / 1000 / 840-860	Warp 18 Weft 13 ±1	—

Glass & silica woven tapes



Weight (g/m ²)	Material	Weave	Gauge (mm)	Width (mm)	Thread count (ends/cm)	Roll length (m)	SiO ₂ (%)
85±9	Silica	Plain	0.1±0.01	25-100	—	—	≥96%
100	E-glass	—	—	50-300	Warp 16 Weft 15	50-2000	—
200	E-glass	—	—	50-300	Warp 8 Weft 7	50-2000	—
240±24	Silica	Plain	0.28±0.03	25-100	—	—	≥96%
275±30	Silica	Plain	0.36±0.04	25-100	—	—	≥96%
300	E-glass	—	—	50-300	Warp 8 Weft 7	50-2000	—
440±44	Silica	Plain	0.55±0.06	25-100	—	—	≥96%
600±60	Silica	Satin	0.65±0.07	25-100	—	—	≥96%
680±68	Silica	Plain	0.76±0.08	25-100	—	—	≥96%
915±92	Silica	Satin	1.0±0.1	25-100	—	—	≥96%
1350±135	Silica	Plain	1.6±0.16	25-100	—	—	≥96%
1450±145	Silica	Plain	1.75±0.18	25-100	—	—	≥96%
2000±200	Silica	Plain	2.1±0.21	25-100	—	—	≥96%
2700±270	Silica	Plain	2.4±0.24	25-100	—	—	≥96%

Glass & silica ropes and sleeves



Form	Construction / finish	Dimensions (mm)
Tape	Uncoated	Gauge 1.5-3.0; Width 10-200
Tape	Aluminium laminated	Gauge 1.5-3.0; Width 10-200
Tape	Heat-cleaned	Gauge 1.5-3.0; Width 10-200
Rope	Braided / Round	Dia 5-50
Rope	Braided / Square	Dia 6-50
Rope	3-ply twist / Round	Dia 3-50
Rope	Graphite impregnated / Round	Dia 5-50
Sleeve	Uncoated	Bore 10-150; Wall 2.5-3.0
Sleeve	Silicone coated	Bore 10-150; Wall 2.5-5.0

Silica sleeve linear mass & dimensions

Weight g/m	Bore (mm)	Wall (mm)	Roll length (m)	SiO ₂ (%)
12	5	0.7±0.2	30	≥96
18	8	1.6±0.2	30	≥96
50	10	1.6±0.2	30	≥96
65	15	1.6±0.2	30	≥96

Weight g/m	Bore (mm)	Wall (mm)	Roll length (m)	SiO ₂ (%)
85	20	1.6±0.2	30	≥96
90	25	1.6±0.2	30	≥96
125	30	1.6±0.2	30	≥96
140	35	1.6±0.2	30	≥96
170	40	1.6±0.2	30	≥96
180	50	1.6±0.2	30	≥96
255	64	1.6±0.2	30	≥96
305	76	1.6±0.2	30	≥96
320	80	1.6±0.2	30	≥96
345	86	1.6±0.2	30	≥96
360	90	1.6±0.2	30	≥96
380	96	1.6±0.2	30	≥96
480	120	1.6±0.2	30	≥96

Quartz fibre sleeves



Bore (mm)	Wall (mm)
5-120	0.3-1

UHMWPE ropes



12-strand dimensions & weights

Diameter (mm)	Circumference (mm)	Roll length (m)	Weight g/m
6	19	220	23.636
8	26	220	40
10	32	220	61.364
12	38	220	87.273
14	45	220	117.273
16	51	220	151.364
18	58	220	190
20	64	220	232.727
22	70	220	281.364
24	77	220	331.364
26	83	220	384.091
28	90	220	445
30	96	220	504.545
32	102	220	572.727

Diameter (mm)	Circumference (mm)	Roll length (m)	Weight g/m
34	109	220	659.091
36	115	220	718.182
38	122	220	795.455
40	128	220	877.273
44	141	220	1059.091
48	154	220	1250
52	166	220	1454.545
56	179	220	1681.818
60	192	220	1927.273
64	205	220	2200
68	218	220	2477.273
72	230	220	2777.273
76	243	220	3090.909
80	256	220	3431.818
88	282	220	4168.182
96	307	220	4954.545

Braid & range

Diameter (mm)	Braid strands	Colour
0.5-300	8 / 12 / 16 / 24 / 32 / 36 / 48	White / black / yellow / red / blue