

WKDT

Nonwovens, veils & felts

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.

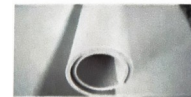
Glass veils & tissues



Weight (g/m ²)	Form / process	Glass	Gauge (mm)	Binder / LOI (%)	Tensile load MD / CD N/50mm	Width (mm)	Moisture (%)	Wet-outs	Permeability m ³ /m ² ·s
25	Flooring tissue	—	0.2	LOI: ≤25	MD ≥80 CD ≥50	—	—	—	—
30	Surface veil / Winding	C/E/ECR-glass	—	Binder: 6.0	MD ≥25 CD —	—	≤0.2	—	—
30	Surface veil / Hand lay-up	C/E/ECR-glass	—	Binder: 7.0	MD ≥20 CD —	—	≤0.2	—	—
35	Carpet tissue	—	0.33 ±0.03	Binder: 22±3	MD ≥120 CD ≥80	—	—	—	4.0±0.5
35	Flooring tissue	—	0.30	LOI: ≤30	MD ≥150 CD ≥70	—	—	—	—
35	Carpet tissue	—	0.35 ±0.05	LOI: 20±3	MD ≥100 CD ≥70	—	—	—	—
40	Carpet tissue	—	0.42 ±0.04	Binder: 22±3	MD ≥136 CD ≥112	—	—	—	≤4.40
40	Flooring tissue	—	0.35	LOI: ≤30	MD ≥180 CD ≥80	—	—	—	—
40	Carpet tissue	—	0.4±0.01	LOI: 20±3	MD ≥120 CD ≥80	—	—	—	—
45	Roofing tissue	—	—	Binder: 18	MD ≥200 CD ≥75	—	—	—	—
45	Flooring tissue	—	0.35	LOI: ≤30	MD ≥200 CD ≥90	—	—	—	—
50	Surface veil / Winding	C/E/ECR-glass	—	Binder: 6.0	MD ≥40 CD —	—	≤0.2	—	—
50	Surface veil / Hand lay-up	C/E/ECR-glass	—	Binder: 6.0	MD ≥30 CD —	—	≤0.2	—	—
50	Roofing tissue	—	—	Binder: 18	MD ≥170 CD ≥100	—	—	—	—
50	Flooring tissue	—	0.40	LOI: ≤30	MD ≥250 CD ≥100	—	—	—	—
50	Carpet tissue	—	0.48±0.1	LOI: 20±3	MD ≥150 CD ≥90	—	—	—	—
60	Roofing tissue	—	—	Binder: 18	MD ≥180 CD ≥120	—	—	—	—
60	Roofing tissue	—	—	Binder: 16	MD ≥180 CD ≥100	—	—	—	—
60	Carpet tissue	—	0.58±0.1	LOI: 20±3	MD ≥180 CD ≥100	—	—	—	—
70	Carpet tissue	—	0.65±0.1	LOI: 20±3	MD ≥200 CD ≥120	—	—	—	—
75±5	PCB tissue	—	—	Binder: 11±2	MD >225 CD >150	1265	—	—	—
82	Battery tissue	C	0.6±0.04	Binder: <20	MD ≥120 CD —	1000±5	<0.2	≤10	—
90	Roofing tissue	—	—	Binder: 20	MD ≥280 / ≥400 CD ≥200 / ≥250	—	—	—	—
95	Roofing tissue	—	—	Binder: 24	MD ≥450 CD ≥260	—	—	—	—
105±5	PCB tissue	—	—	Binder: 11±2	MD >225 CD >150	1265	—	—	—

Weight (g/m ²)	Form / process	Glass	Gauge (mm)	Binder / LOI (%)	Tensile load MD / CD N/50mm	Width (mm)	Moisture (%)	Wet-outs	Permeability m ³ /m ² ·s
120	Roofing tissue	—	—	Binder: 24	MD ≥480 CD ≥280	—	—	—	—

Needle-punched glass mats



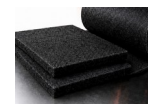
Weight (g/m ²)	Thickness (mm)	Width (mm)	Length (m)
800	6	1000-2000	—
900	6	1000-2000	30
1200	8	1000-2000	20
1400	10	1000-2000	—
1500	10	1000-2000	20
1800	12	1000-2000	15
2000	12	1000-2000	—
2250	15	1000-2000	15
4500	25	1000-2000	—

Silica needle mats



Weight (g/m ²)	Thickness (mm)	Width (mm)
520	4	1000-2000
1040	8	1000-2000
1300	10	1000-2000
1560	12	1000-2000
2700	18	1000-2000

Oxidized PAN felt



Weight (g/m ²)	Material	Thickness (mm)	Width (mm)
400±35	100% pre-oxidised PAN	3.5±0.4	—

PP spunbond nonwovens



Weight (g/m ²)	Thickness (mm)	Width (mm)	Surface	Colours
10	0.1	2100	Plain	White
12	0.1	2100	Plain	White
14	0.1	2100	Plain	White

Weight (g/m ²)	Thickness (mm)	Width (mm)	Surface	Colours
16	0.1	2100	Plain	White
17	0.2	2100	Plain	White/UV
20	0.29	1050	Plain	White
25	0.31	2100	Plain	White/Blue/Black
30	0.31	2100	Plain	White
40	0.42	2100	Plain	White/Black
50	0.44	195/2100	Plain	White/Black/Red/Green/Denim/Blue/Yellow/Pink/Purple
60	0.46	1050/1100/900/2100	Plain	White/Black/Red/Emerald Green
70	0.46	2100/1600	Plain	White/Black/Brown/Grey/Beige
70	0.75	2100	Embossed	Black/Brown/Grey/Beige
80	0.46	2100/1600	Plain	White/Black/Brown/Grey/Red/Pink/Beige
80	0.8	2100	Embossed	Black/Brown/Grey
85	0.51	1050/1100/2100	Plain	Emerald Green
90	0.52	2100/1600	Plain	White/Black/Brown/Grey
100	0.52	2100/2000	Plain	Black/Brown/Grey
100	0.85	2100/2000	Embossed	Black/Brown/Grey
120	0.55	2100/1600	Plain	Black/Brown/Grey
150	0.7	2100/1900	Plain	Black/Brown
150	1	2100/1900	Embossed	Black/Brown

Meltblown & absorbent nonwovens



Weight (g/m ²)	Construction / fibre	Width (mm)	Surface / form
24-30	PP meltblown	175	White
30-50 / 30-40	PP meltblown	200-260	White
30-120	PP meltblown	1600	Perforated roll / Sheet
40-50	PP meltblown	200-260	White / Black
40	PP meltblown	200-260	Single layer
50	PP meltblown	200-260	Double layer
100-500	SS + Meltblown + SS	1600	White / Grey / Yellow / Blue

PET needle-punched nonwovens



Weight (g/m ²)	Construction / fibre	Width (mm)	Surface / form
50-1000	PET needle-punched	100-1600	Needled web
80-800	PET anti-condensation	—	Grey needled web
100-800	PET automotive interior	—	Needled web

Spunlace nonwovens



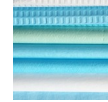
Weight (g/m ²)	Construction / fibre	Width (mm)	Surface / form	Web formation	Fibre options
26-70	—	3000-3200	—	Parallel	Viscose / Lyocell / PET / ES / Cotton / Bamboo
30-120	PET 30-70% + Pulp 70-30%	120-3200	Wiping web	—	—
30-120	PP 20-30% + Pulp 80-70%	120-3200	Wiping web	—	—
30-100	Cotton 100%	25-2200	Spunlace	—	—
35-120	Viscose / PET	100-3100	Plain / Mesh / Embossed	—	—
35-80	Bamboo 100%	<2100	Plain / Pearl / Mesh / EF / Crisscross	—	—
35-180	Charcoal viscose	<2100	Plain / Pearl / Mesh / Crisscross / Diamond	—	—
35-100	—	3000-3300	—	Parallel	Viscose / Lyocell / PET / ES / Cotton / Bamboo
40-120 / 40-110	Viscose / PET	120-3200 / 100-3300	Wiping web	—	—
40-120	—	3000-3200	—	Cross-lapped	Viscose / Lyocell / PET / ES / Cotton / Bamboo
40-90	—	3000-3300	—	Wetlaid pulp	Short viscose / Lyocell + Pulp
60-230	Nylon : PET = 30 : 70	1500-1700	Spunlace	—	—
60-230	Nylon : PET = 50 : 50	1500-1700	Spunlace	—	—

PLA nonwovens



Weight (g/m ²)	Construction / fibre	Width (mm)	Surface / form
20-200	PLA spunbond	10-3200	Grid / Coloured
25-40	PLA meltblown	1600	White

Layered & film-laminated nonwovens



Weight (g/m ²)	Construction / fibre	Width (mm)	Surface / form
15-180	PP + PE, ES fibre	25-3200	Bicomponent
15-180	PET + PE, ET fibre	25-3200	Bicomponent
20-300	PP + PE	25-3200	PE laminate
20-300	SMS + PE	25-3200	PE laminate
20-300	Spunlace + PE	25-3200	PE laminate
20-300	PET + PE	25-3200	PE laminate
20-300	Paper + PE	25-3200	PE laminate
20-300	Impregnated viscose + PE	25-3200	PE laminate
20-300	Needle-punched + PE	25-3200	PE laminate
30-100	PP + PET	3200	2 / 3 layers
30-300	SMS / SS + Microporous film	≤3200	Laminated web
30-100	PP + Elastic film	3200	Elastic
40-60	PP + PE, air-through	3200	Air-through bonded
40-100	PP + Elastic powder	3200	Elastic
50-120	PP + PE, SFS	3200	Sesame / Grid
65	PP + PE / PP + PE + PET	3200	Composite web
85	PP + PE / PP + PE + PET	3200	Composite web
115	PP + PE / PP + PE + PET	3200	Composite web
120	PP + PE / PP + PE + PET	3200	Composite web