

COMPARISON OF FABRICS AND FILMS
2-4-2024



Name of material		TPU coated aramid fabric	ETFE folie 400 my transparant	TPU gecoat polyester weefsel	TPU gecoat polyester weefsel	Silicone coated glass	TPU coated polyester weefsel anti-statisch	PVC coated aramide weefsel
Article number		1801156/ 1801648/ 1801	1801220	1801492	1801590	1801418	1801122	1801589
Property	Unity							
1. Tensile strength/ breaking strength	N/ mm2	n/a	50	n/a	n/a	n/a	n/a	n/a
	Warp N/ 50 mm	2.500	n/a	13.980	4.500	4.500	3.000	8.500
	Wefst N/ 50 mm	2.500	n/a	12.459	4.000	2.500	2.500	7.000
2. Tear strength	N/ mm	nk	400	n/a	n/a	nk	n/a	n/a
	Warp N	nk	n/a	1.717	650	nk	450	650
	Wefst N	nk	n/a	1.570	500	nk	450	650
3. Maximum load	N/ mm2	n/a	13	n/a	n/a	n/a	n/a	n/a
	Warp N/ 50 mm	625	n/a	3.495	1.125	1.125	750	2.125
	Wefst N/ 50 mm	625	n/a	3.495	1.125	1.125	750	2.125
4. Operating temperature	Minimum degr. Celcius	-40	-200	-40	-40	-36	-40	-30
	Maximum degr. Celcius	130	150	70	70	200	70	70
5. Composition		Aramid fabric + 2 sided TPU laminate	ETFE	Polyester fabric + 2 sided TPU coating	Polyester fabric + 2 sided TPU coating	Glass fibre + 2 sided silicone coating	Polyester fabric + 2 sided TPU coating	Aramid fabric + 2 sided PVC coating
6. Weight	gram/ sqm	545	700	1.680	1.000	660	1.200	1.000
7. Thickness	my	n/a	400	n/a	n/a	n/a	n/a	n/a
8. Standard colour		Sample: natural/ yellow Standard: black	Transparent	Blue	Black	Grijs	Black	White

n/a = Not Applicable
nk = Not Known

NOTE: the values given in this table are just indications and should be further examined and tested for any specific application