



High-Performance Technical Films

Advanced Thermoplastic Polyurethane Solutions

Dingzing

About DingZing

At DingZing, we specialize in advanced, high-quality technical films. Our films are used in all types of products and applications, and can be customized to deliver the most effective solutions. When it comes to developing and producing high-performance technical films, DingZing leads the way.

DingZing



Welcome to the Innovation Playground.

At the Innovation Playground, we exchange ideas. Explore possibilities. Experiment with technical films. This is what we call collaborative innovation—our own unique way of working with clients to turn concepts into reality.

With our knowledge of technical films at the ingredient, material, process, and production level, we are able to develop the most innovative solutions with our clients.

Provecta Aromatic

Provecta Aromatic technical films are excellent for applications that require flexibility, durability, and sturdiness.



Physical Properties	Hardness	Specific Gravity	Tensile Strength	Tear Strength	300% Modulus	Elongation	Melting Point	Applications	Apparel	Automotive	Electronics	Footwear	Medical	Optical	Outdoor / Sporting Goods
	(Shore A/D) D2240	D792	(kg/cm²) D412	(kg/cm) D624 (DieC)	(kg/cm²) D412	(%) D412	(°C)								
FT1029	85A	1.12	warp: 463 weft: 465	warp: 89 weft: 87	warp: 137 weft: 108	warp: 616 weft: 625	150		+	+	+	+	+	+	+
FT1038	80A	1.11	warp: 287 weft: 245	warp: 66 weft: 75	warp: 100 weft: 81	warp: 695 weft: 750	140		+	+	+	+	+	+	+
FT1087	87A	1.12	warp: 451 weft: 474	warp: 103 weft: 97	warp: 118 weft: 108	warp: 576 weft: 604	160		+				+		+
FS1007	85A	1.22	warp: 562 weft: 588	warp: 83 weft: 78	warp: 149 weft: 111	warp: 470 weft: 518	130		+			+	+		+
FS1008	92A	1.21	warp: 692 weft: 687	warp: 96 weft: 91	warp: 314 weft: 275	warp: 410 weft: 465	155		+			+	+		+

Provecta Hot Melt

Provecta Hot Melt technical films are solvent-free, highly elastic, and perfect for bonding fabrics, synthetic leather, and glass, among other materials.

Physical Properties	Hardness	Specific Gravity	Tensile Strength	Tear Strength	300% Modulus	Elongation	Melting Point	Applications	Apparel	Bag	Electronics	Footwear	Optical	Outdoor / Sporting Goods
	(Shore A/D) D2240	D792	(kg/cm²) D412/D882/D5035	(kg/cm) D624 (DieC)	(kg/cm²) D412/D882	(%) D412/D882	(°C)							
FS1123	55A	1.13	warp: 173 weft: 181	warp: 49 weft: 54	warp: 24 weft: 24	warp: 950 weft: 963	110		+	+	+	+		+
FS2650	47D	1.19	warp: 475 weft: 426	warp: 109 weft: 110	warp: 107 weft: 85	warp: 740 weft: 727	85				+	+		+
FS3258	72A	1.16	warp: 227 weft: 262	warp: 49 weft: 49	warp: 46 weft: 48	warp: 729 weft: 728	85		+			+		+

Advanta Breathable

Advanta Breathable technical films deliver superior waterproof functionality and breathability, and are available in a variety of colors and prints.

Physical Properties		Specific Gravity	M.V.T.	M.V.T.	W.P.R.	PE Carrier	Melting Point	Applications	Apparel	Automotive	Electronics	Footwear	Medical	Optical	Outdoor / Sporting Goods
		D792	ASTM E96-16BW	JIS L 1099A1			(°C)								
High Breathability	FKT1928	1.30	10000	5000	> 10000	+	195		+			+	+		+
Medium Breathability	FT1177	1.21	8000	2500	> 8000	+	155		+				+		+
Low Breathability	FS2091S	1.20	200	700	> 10000	+	155		+			+	+		+

■ Ether-based Technical Films ■ Ester-based Technical Films

Data provided are for references only. Actual numbers may vary.

For more information about all of our Provecta Aromatic technical films, visit our website at www.dingzing.com, or E-mail : film@dingzing.com °

Social Responsibility

DingZing is leading the way forward toward more sustainable business practices and carbon neutrality. We are proud not only to offer “green” technical films to our clients, but also to ensure the safety of the environment while we are producing our films. Furthermore, we are firmly committed to reducing the waste of resources and materials in all areas of our company.

Green Materials

DingZing technical films are made from TPU, a biodegradable material. Since TPU does not emit toxic gas when it is heated, it is an excellent material for sealants and adhesives. In addition, our Provecta Bio technical films are bio-based, and therefore, biodegradable. Products made fully with our technical films are 100% recyclable.



Biodegrades
in 5 to
10 years



100% recyclable

Green Production

Our factory produces no waste water, since only electricity is used when producing technical films. We also continue to make our production more energy-efficient, with our energy-saving efforts resulting in less carbon dioxide production each year. Soon, the central heating and cooling systems in our factories will be upgraded and become even more energy-efficient, and in the near future, our newest factories will run on solar energy.



No waste water



less carbon
dioxide each year

Green Commitment

At DingZing, we are fully committed to sustainability. That's why we utilize all our resources very wisely, including the institution of “zero-waste of materials” policy during production. What's more, we have developed a technique that enables us to collect the post-industrial surplus of our technical films and re-melt it to produce the technical films in our Provecta Recycled product line.



Zero-waste
of materials



Science. Innovation. Collaboration.

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