

SPECIFICATIONS

		Ultrasuede® IA (Dyed)		Ultrasuede® IA				Test Method
		Style 255	Style 223	Style 102	Style 101	Style 103	Style 104	
Composition	Polyester (%)	65	65	65	80	65	60	—
	Polyurethane (%)	35	35	35	20	35	40	—
Denier		0.14	0.14	0.14	0.04	0.14	0.14	—
Effective Width (inch)		45	45	45	45	45	47	—
Thickness (mm)		0.55	0.8	0.8	0.9	2.1	3.0	—
Weight (g/m ²)		125	220	225	350	565	910	—
Tensile Strength (kg/cm)	Longitudinal	3.1	7.2	7.3	16.8	24.9	33.2	ASTM D5035
	Transverse	2.0	6.2	5.8	15.3	22.9	35.8	ASTM D5035
Tensile Elongation (%)	Longitudinal	64	83	79	87	110	116	ASTM D5035
	Transverse	112	123	128	130	172	165	ASTM D5035
Tear Strength (kg)	Longitudinal	0.9	1.1	2.4	3.5	6.9	6.5	ASTM D1424
	Transverse	0.4	0.9	1.1	2.4	4.7	5.7	ASTM D1424
Surface Abrasion Resistance (Times)		117	1,057	1,668	4,747	>10,000	>10,000	ASTM D3886 P800

MAJOR APPLICATIONS

Products/Industries	Applications	Performance Advantages
Computers	Heat insulators	Heat insulation properties Cushioning property
Semiconductor Production	Absorption rollers	Moisture absorption Uniform density High durability
Manufacture of Silicon Wafers and Aluminum/Glass Hard Discs	Abrasive pads	Uniform density Uniform thickness Dimensional stability Won't scratch
Copiers	Paper dust cleaners Roller bearings Sealing materials Brake pads	Cushioning property Easy to clean Sealability Abrasion resistance Uniform torque/friction coefficient
Printers	Filters	Uniform density Uniform thickness Moisture retention
Tape Recorders Radio Cassette Recorders	Clutch materials	Resistance to pilling Abrasion resistance Uniform torque/friction coefficient Uniform thickness
CD/LD Players CD-ROM	CD curtains Pads	Dust resistance Elasticity Can be trimmed without fraying Cushioning property Won't scratch
Cameras	Shades Zoom (sliding devices)	Light-shielding capability Uniform friction coefficient Can be trimmed without fraying
Gas Lighters	Filters	Uniform density Elasticity Uniform thickness