Technical Data Sheet

Bonlex PVC WOOD GRAIN / ABSTRACT URETHANE-MATTE FINISH - VUDE / VUDEK

bonlex

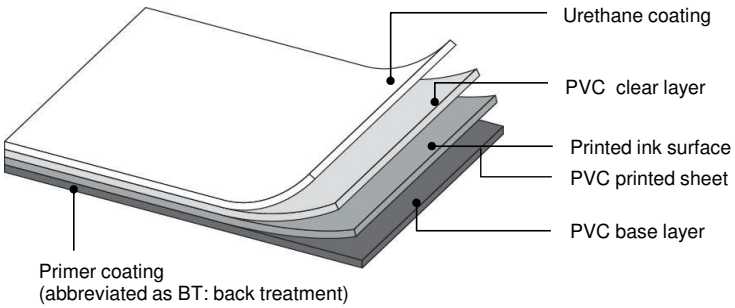
■ Applications

1) Kitchen cabinet doors
2) Furniture doors
3) Dressing room doors
4) Store fixtures

■ Characteristics

1) Superior processing suitability
2) Rich design potential

■ Structure (Wood grain / Abstract urethane matte finish - VUDE / VUDEK)



■ Physical Properties

Index			Specifications	Test method
Thickness			0.3/0.4mm	
Width	Actual width		1400/1440mm	
	Usable (Printed) width		1180mm or more	
Surface Gloss			11～25	Gloss checking
Scratch resistance	Pencil strength		HB	Under the condition of 1kg load.
Tabor abrasion resistance			19mg	ISO9352
Heat shrinkage		MD	-2.8%	Under the condition of 100℃(212F) for 10 min.
		TD	±0%	

■ Chemical resistance

10% Hydrochloric Acid	No appreciable change	ASTM D-543 (DIN 68861-1) 24 hrs. after dripped
5% Acetic Acid	Ditto	
10% Sodium Hydroxide	Ditto	
95% Ethyl Alchol	Ditto	
Household Ammonia	Ditto	
Tomato Juice	Ditto	
Orange Juice	Ditto	
Butter	Ditto	
Mayonnaise	Ditto	
Tea	Ditto	
Coffee	Ditto	
Water-base Ink	Ditto	

■ Mechanical properties

Tensile strength at yield at 23℃	MD	29.8N/mm2	CIK method (speed : 50mm/min)
	TD	44.3N/mm2	
Tear strength at yield at 23℃	MD	150.4N/mm	CIK method (speed : 200mm/min)
	TD	148.2N/mm	
Elongation at break		Minimum 100%	CIK method (speed : 50mm/min)
Scratch resistance		40g	TABER scrach tester
Weather resistance Xenon Arc weather meter		No appreciable change after 400hrs	JIS K-7350 (ISO 4892-2) under 400hrs. (CIK Item No.: VUDE52105B-539 / Light Brown color)

* Above data are only Lab. Test value not guranteed value.

* The above values should be considered indicative average. It is each responsibility to ensure that the product identities with its requirements and all legislation concerning its use.