

PVC - Free

Mediatex® BERMUDA

Spezifikation (Specification)	Einheit (unit)	Norm (standard)	Wert (value)
Substrat : (substrate)		(DIN 60001)	100 % PES
Fadendichte K/S (ends/picks)	[Fd/cm]	(DIN EN 1049-2)	30/18
Garnfeinheit K/S (yarn)	[dtex/ Nm]	(DIN EN ISO 2060)	334dtex//40/2 Nm
Bindung (weave)		(DIN ISO 9354)	Leinwand <i>plain weave</i>
Flächengewicht: (weight)	[g/m ²]	(DIN EN ISO 2286-2)	310 ±15
Materialdicke (thickness)	[mm]	(DIN EN ISO 2286-3)	0,39± 0,03
Reißkraft K/S (tensile strength warp/weft)	[daN/5cm]	(DIN EN ISO 13934-1) (or: DIN 53857 T1)	> 200/150
Weiterreißkraft K/S (tear resistance warp/weft)	[N]	(DIN EN ISO 13937-1) (or: DIN 53857 T2)	> 45/45
Weißgrad (whiteness)		(nach Berger)	≥ 90
Lichtechtheit (light fastness)	[Note] [grade]	(DIN EN ISO 105-B02)	≥ 5
Wassersäule (water pressure test)	[mm]	(DIN EN 20811 ISO 811) (or: DIN 53886)	> 800
Luftdurchlässigkeit (air permeability)	[l/dm ²]	(DIN EN ISO 9237) (or: DIN 53887)	< 0,50
Schwerentflammbarkeit: (flame retardant)		DIN 4102 B1, ÖNORM A3800 NFPA 701, CA 1237, M2	ja yes
Tintentyp (type of ink)			alle Solventtinten; UV-härt.; HP- Latextinten** <i>all kind of solvent; UV-curable; HP- Latex</i>
Anwendung (use)			innen / außen (kurzzeitig) <i>indoor/ outdoor (short-term)</i>
Breite : (width)	[cm] [inch]	(DIN EN ISO 2286-1)	max. Breite: 308* max. width: 121*
Druckseite: (printsides)			außen <i>outside</i>
Rollenlänge (length of the roll)	[m]	(-)	30±0,5/ 50±0,5 (width 308)

From the fibre to the construction of the woven fabric the hightechnical article Mediatex® BERMUDA has been developed for high mechanical strain. Mediatex® BERMUDA is resistant to all tensile stress which may occur in different applications and prevents quick tearing or tear propagation during handling. Mediatex® BERMUDA is onesided coated with a special polymer which allows in combination with solvent ink a highly brilliant print at lowest ink wastage. In case of outdoor applications the material has to be fixated at all edges (should not work against itself and other objects) and not to handle and treat under temperature of 5 degree celsius.

Mediatex® BERMUDA is tested with the following printers:
AGFA • Mimaki • Mutoh • Roland • Vutek • Scitex • Seiko • HP 9000 • Nur • OCÉ • HP-Latex-Printer (see HP Media Finder) • etc.
 Please see for yourself at a test.



* *printsides: inside*

All details are nominal values and are subject to change within usual tolerances (±5%)

The information provided in this document is based on current knowledge and experience. They do not exempt a manufacturer/processor from carrying out their own tests and trials as their in-house handling and manufacturing processes can have a significant range of influences on outcomes. Application, utilisation and processing of products is taking place outside of our control and are therefore the sole responsibility of the manufacturer/processor.

date: 11/2010

** not outdoor