

„KORTEX® GT “ – TECHNICAL DATASHEET



Die geo-logische Kompetenz

THE WOVEN HIGH TENACITY GEOTEXTILE MADE FROM 100% POLYESTER-MULTIFILAMENTYARNS.

		KORTEX® GT 35/35	KORTEX® GT 50/50	KORTEX® GT 70/70	KORTEX® GT 80/80	KORTEX® GT 100/100	KORTEX® GT 120/120	KORTEX® GT 150/150	
MECHANICAL PROPERTIES									
Tensile Strength (EN ISO 10 319)	MD min.	kN/m	40	55	80	90	110	130	160
	tolerance	kN/m	-5	-5	-10	-10	-10	-10	-10
Tensile Strength (EN ISO 10 319)	CD min.	kN/m	40	55	80	90	110	130	160
	tolerance	kN/m	-5	-5	-10	-10	-10	-10	-10
Elongation at break (EN ISO 10 319)	MD min.	%	11	11	11	11	11	11	12
	tolerance	%	±2	±2	±2	±2	±2	±2	±2
Elongation at break (EN ISO 10 319)	CD min.	%	11	11	11	11	11	11	12
	tolerance	%	±2	±2	±2	±2	±2	±2	±2
Cone Drop Test (EN ISO 918)	Min.	mm	13	8	11	13	10	10	4
	tolerance	mm	+4	+4	+4	+4	+4	+4	+2
CBR Puncture Resistance (EN ISO 12 236)	Min.	kN	3	6	6	7	6	15	16
	tolerance	kN	-1	-2	-2	-2	-2	-4	-5
HYDRAULIC PROPERTIES									
Water permeability normal to plane, k_v Min. (EN ISO 11 058)	Min.	m/s	$4 \cdot 10^{-2}$	$2 \cdot 10^{-2}$	$8 \cdot 10^{-2}$	$8 \cdot 10^{-2}$	$4 \cdot 10^{-2}$	$5 \cdot 10^{-2}$	$2 \cdot 10^{-2}$
	tolerance	m/s	$-2 \cdot 10^{-2}$	$-1 \cdot 10^{-2}$	$-3 \cdot 10^{-2}$	$-3 \cdot 10^{-2}$	$-2 \cdot 10^{-2}$	$-2 \cdot 10^{-2}$	$-1 \cdot 10^{-2}$
Characteristic Opening Size $O_{90,w}$ Min. (EN ISO 12 956)	Min.	mm	0,50	0,20	0,70	0,38	0,35	0,32	0,20
	tolerance	mm	±0,15	±0,06	±0,21	±0,12	±0,11	±0,10	±0,06
FORMS OF SUPPLY									
Width	m	3,5 or 4,5							
Length	m	100							

KORTEX® GT - PRODUCTS ARE CHEMICAL-, BIOLOGICAL- AND UV-RESISTANT

The manufacturing of these products has been found to conform to the Quality System Standard UNI EN ISO 9002; 1994

TENSILE STRENGTHS AT 2%, 3% AND 5% AVAILABLE ON REQUEST.

THE VALUES GIVEN ARE INDICATIVE AND CORRESPOND TO AVERAGE RESULTS OBTAINED IN OUR LABORATORIES AND INDEPENDENT TESTING INSTITUTES.

THE RIGHT IS RESERVED TO MAKE CHANGES WITHOUT NOTICE AT ANY TIME.

(Ö / D / OCTOBER 2002)

INTERMEDIATE GRADES AVAILABLE ON REQUEST.

GEOFELT G.m.b.H.

Rainerstraße 14

Tel. +43 (732) 60 98 60

Fax +43 (732) 60 98 608

A-4020 Linz / Austria

Office Germany

Platzhoffstraße 17

Tel. (0202) 3702026

Fax (0202) 3702027

D-42115 Wuppertal