

## SCHEDA TECNICA RIEPILOGATIVA / SUMMARY TECHNICAL DATA SHEET

### FIOCCOTEX PES/CE/ poliestere / polyester

#### Caratteristiche meccaniche / Mechanical characteristics

Peso g/mq	tolleranza	Spessore 2 kPa	tolleranza	Resistenza a trazione longitudinale	tolleranza	Resistenza a trazione trasversale	tolleranza	Allungamento a rottura medio	tolleranza	Punzonamento statico (CBRtest)	tolleranza	Punzonamento dinamico (Cone drop)	tolleranza
Weight g/mq	tolerance	Thickness 2 kPa	tolerance	Tensile strength longitudinal machine direction	tolerance	Tensile strength cross machine direction	tolerance	Stretching on breaking point average	tolerance	Static punch (CBRtest)	tolerance	Dynamic punch (Cone drop)	tolerance
	%	mm		kN/m		kN/m		%		N		mm	
<b>EN 9864</b>		<b>EN 10319</b>		<b>EN 10319</b>		<b>EN 10319</b>		<b>EN 10319</b>		<b>EN ISO 12236</b>		<b>EN 918</b>	
<b>150</b>	$\pm 5$	1,2	$\pm 5$	1,0	$\pm 0,5$	1,0	$\pm 0,5$	85	$\pm 20$	250	$\pm 100$	45	$\pm 10$
<b>200</b>	$\pm 5$	1,5	$\pm 5$	1,0	$\pm 0,5$	1,0	$\pm 0,5$	85	$\pm 20$	250	$\pm 100$	45	$\pm 10$
<b>300</b>	$\pm 5$	2,0	$\pm 5$	2,0	$\pm 0,5$	2,0	$\pm 0,5$	70	$\pm 20$	500	$\pm 150$	30	$\pm 6$
<b>400</b>	$\pm 5$	3,0	$\pm 5$	3,0	$\pm 0,5$	3,0	$\pm 0,5$	70	$\pm 20$	600	$\pm 200$	20	$\pm 5$
<b>500</b>	$\pm 5$	4,0	$\pm 5$	3,0	$\pm 0,5$	3,0	$\pm 0,5$	70	$\pm 30$	600	$\pm 200$	18	$\pm 4$

#### Caratteristiche idrauliche / Hydraulic characteristics

Peso g/mq	Porometria	tolleranza	Permeabilità normale al piano	tolleranza	Capacità drenante 20kPa	tolleranza	Capacità drenante 100kPa	tolleranza	Capacità drenante 200kPa	tolleranza
Weight g/mq	Opening size characteristics	tolerance	Normal water-proof at level	tolerance	Drainage capacity 20kPa	tolerance	Drainage capacity 100kPa	tolerance	Drainage capacity 200kPa	tolerance
	micron		m/s		m <sup>2</sup> /s		m <sup>2</sup> /s		m <sup>2</sup> /s	
<b>EN 9864</b>	<b>EN ISO 12956</b>		<b>EN ISO 11058</b>		<b>EN ISO 12958</b>		<b>EN ISO 12958</b>		<b>EN ISO 12958</b>	
<b>150</b>	100	$\pm 30$	0,100	$\pm 0,030$						
<b>200</b>	100	$\pm 30$	0,098	$\pm 0,026$						
<b>300</b>	80	$\pm 30$	0,058	$\pm 0,017$	$2,0 \times 10^{-6}$	$\pm 0,60 \times 10^{-6}$	$7,0 \times 10^{-7}$	$\pm 2,10 \times 10^{-7}$	$4,0 \times 10^{-7}$	$\pm 1,20 \times 10^{-7}$
<b>400</b>	70	$\pm 30$	0,046	$\pm 0,017$	$2,0 \times 10^{-6}$	$\pm 0,60 \times 10^{-6}$	$8,0 \times 10^{-7}$	$\pm 2,40 \times 10^{-7}$	$5,0 \times 10^{-7}$	$\pm 1,50 \times 10^{-7}$
<b>500</b>	70	$\pm 30$	0,035	$\pm 0,017$						

<b>Peso specifico</b> Specific weight	1,38 g / cm <sup>3</sup>
<b>Punto di rammollimento</b> Softening point	230 °C
<b>Punto di fusione</b> Melting point	260 °C

#### POLIESTERE

Si consiglia il poliestere in caso si debbano applicare al geotessuto materiali ad alta temperatura ad esempio bitume a caldo ( che si utilizza a circa 180 °C) quindi al di sotto del punto di rammollimento. In casi in cui il peso specifico più alto dell'acqua dia dei vantaggi in termini di posa.

#### POLYESTER

It is advisable to use the polyester in case you need to apply on the geo-textile material at high temperatures for example heated bitumen ( used approximately at 180 °C) therefore under the softening point. And as well, in case the specific weight of the polyester is higher than the water, gives benefits in terms of time - exposure.