

Required by Quebec  
authorities

Category  
**Filtration/ Separation/  
Reinforcement**



Soil separation geotextiles



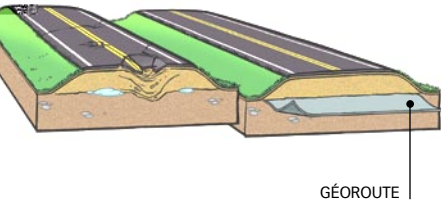
Inspired by the 76 Series, our Georoute products are ideal for roadway construction and maintenance. Georoute products improve road quality by preventing soft soil from migrating up through expensive roadbed gravel. A wide range of products is available in a variety of sizes.

- **Highly permeable**
- **Enables reduced foundation thickness in some cases**
- **Contributes cohesive strength to structure**

**Texel**  
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## Soil separation geotextiles



### Applications

Street, roads, and highways  
(paved and unpaved)

Parking lots

Storage areas

## GEOROUTE 05 / 11 / 16 / Geo-9

### Product identification

	05	11	16	Géo-9
Description:	TYPE III&IV 03.50M H 150M		TYPE VI 03.50M H 100M	TYPE V 03.50M H 100M
Product code:	20443		20444	20445
Product type:	Nonwoven needlepunched, Short monofilament	Nonwoven needlepunched, short monofilament	Nonwoven needlepunched, short monofilament	Nonwoven needlepunched, short monofilament
Type of fiber:	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Armature:	None	None	None	Woven polypropylene strips

### Physical specifications

	Min	11	16	Max	Units	Method	Frequency
Thickness:	1.7	1.3	2.0	-	mm	CAN/CGSB 148.1 NO.3	Stand. CCDG
Tension (MD) (CV≤5%):	400	670	1050	-	N	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
Tension (CD) (CV≤5%):	400	670	1050	-	N	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
Tension (MD) (5<CV≤10%):	420	704	1103	-	N	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
Tension (CD) (5<CV≤10%):	420	704	1103	-	N	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
Tension (MD) (10<CV≤15%):	440	737	1155	-	N	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
Tension (CD) (10<CV≤15%):	440	737	1155	-	N	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
Elongation at break:	15	15	15	-	%	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
UV resistance (500h):	50	50	50	-	%	ASTM D4355	1 / year
FOS:				150	µm	CAN/CGSB 148.1 NO.10	1 / year
Permeability:	0.15	0.12	0.24	-	cm/s	CAN/CGSB 148.1 NO.4	1 / year

	Min	Max	Units	Method	Frequency
<b>Geo-9</b>					
Thickness:	1.7	-	mm	CAN/CGSB 148.1 NO.3	Stand. CCDG
Tension (MD) (CV≤5%):	650	-	N	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
Tension (CD) (CV≤5%):	650	-	N	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
Tension (MD) (5<CV≤10%):	683	-	N	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
Tension (CD) (5<CV≤10%):	683	-	N	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
Tension (MD) (10<CV≤15%):	715	-	N	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
Tension (CD) (10<CV≤15%):	715	-	N	CAN/CGSB 148.1 NO.7.3	Stand. CCDG
Wide band tension (break):	11	-	kN/m	ASTM D4595	Stand. CCDG
Wide band tension (at 5% stretch):	5	-	kN/m	ASTM D4595	Stand. CCDG
UV resistance (500h):	50	-	%	ASTM D4355	1 / year
FOS:		60	µm	CAN/CGSB 148.1 NO.10	1 / year
Permittivity:	0.065	-	s <sup>-1</sup>	CAN/CGSB 148.1 NO.4	1 / year
Permeability:	0.013	-	cm/s	CAN/CGSB 148.1 NO.4	1 / year
Mullen:	2600	-	kPa	CAN/CGSB 4.2 NO.11.1	Stand. CCDG

### Packaging and shipping dimension specifications

	05	11	16	Géo-9
Format:	Roll	Roll	Roll	Roll
Width:	3.5 m	3.5 m	3.5 m	4.0 m
Length:	150 m	100 m	100 m	100 m
Packaging:	Plastic bag	Plastic bag	Plastic bag	Plastic bag
Labeling:	Labels identifying the product are placed on the bottom of the bag, on the side of the roll, and on the tube.			

### Meets transport ministry requirements (Type I to VI)



**About Texel:** An ADS division, Texel is one of North America's leading manufacturers of needlepunched nonwoven fabrics for technical use. Its specialized products have been used in the Asian, American, and European markets since 1967.

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