

UNDERGROUND NETWORKS

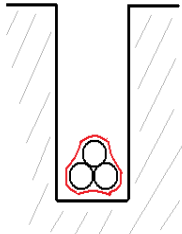
Datasheet

Cable Protection HTA 1000



N°0334-CPR-0019

Applications :
Electricity networks



Technical data and specifications	Standards	Values	Tolerance %
Tensile strength MD/SP	EN ISO 10319	43.7 kN/m	±10
Tensile strength CD/ST	EN ISO 10319	53.5 kN/m	±10
Distortion / Tensile stress MD/SP	EN ISO 10319	101.6 %	±20
Distortion / Tensile stress CD/ST	EN ISO 10319	95.3 %	±20
Dynamic perforation	EN ISO 13433	0 mm	
Static Puncture Test (CBR test)	EN ISO 12236	6.62 kN	-10
Opening size	EN ISO 12956	60 µm	±20
Normal permeability / at right angles	EN ISO 11058	0.015 m.s ⁻¹	±20
Flow capacity : 20 kPa	EN ISO 12958	8.83 ^{e-6} m ² /s	±20
Flow capacity : 100 kPa	EN ISO 12958	3.25 ^{e-6} m ² /s	±20
Durability Bury the pipe protected by the geotextile within 2 weeks.	EN ISO 12225	A > 25 years life cycle can be obtained provided that the geotextile is used in normal grounds with 4<ph<9	
Not compulsory physical values			
Thickness		6 mm	±20
Mass density		1000 gr/m ²	-0 / +20
Resistance to penetration by water	EN 13562	60 mm	

Results of the tests according to applications

NF EN 13249... 13257 / EN 13265 for the following functions:
Filtration (F) ; Drainage (D) ; Reinforcement (R) ; Protection (P).



PROTECTION OF THE BURIED NETWORKS

Cable Protection HTA 1000

Employment authorization n°11E053/RT

Trademark :	DAFIGAINE HTA 1000
CE Marking (<i>ASQUAL</i>):	0334-CPR-0015
Type of product:	Nonwoven geotextile (<i>Polypropylene Fibre</i>)
ENEDIS Employment Authorization :	N°11E053/RT
ENEDIS Classification :	PR HTA 2.b.B
Shock resistance :	Classe 2
Puncture resistance :	Classe b
Thermal resistance * :	Classe B
Thickness ** :	+/- 5 mm
Mass density:	1000 g/m ²
Length of the reels:	100 ml
Available widths :	28/30/33/40 cm (<i>and on demand</i>)
Packaging :	- Pallets from 1000 to 1200 Linear Meters (<i>depending on the width</i>) - UV-resistant protection
Recommended use :	ENEDIS Directive G 5.2-03



- * Reduction of transmission of the cable
Dafigaine® : conditions of laboratories tests : 0 to 2 % (*100 % dry conditions*)
Sand : verified conditions in laboratories : 0 to 30 %

- ** The product is not calendared (*at the request of ENEDIS*).
It is an advantage because the geotextile can drain water from the earth and fines to cool and improve the transmission of the cable.
In this case there is no more overheating for the cable.