



UNDERGROUND WARNING MESH WITH 2 DETECTABLE TAPES
In conformity with norm UNI EN 12613-2001

MESH

POLYMER	100% STABILISHED POLYPROPYLENE
RESISTENCE MD	360/KG/M
RESISTENCE TD	80 KG/M
SMQ WEIGHT	80 GR
MESH DIMENSION	7 X 1 CM
TENSION	300 NEWTON

**LOW DENSITY UNDERGROUND POLYETHYLENE BARRIER TAPE
WITH STAINLESS STEEL WIRES APPLIED ON**

Analysis	Unit of Measure	Result (*)	Standard
Tearing (ELMENDORF)	[mN]	MD 1520.0 TD 7760.0	ASTM D 1922
Breaking Strength	[N/mm ²]	MD 26.4 TD 23.3	ASTM D 822
Enervation Point	[N/mm ²]	MD 10.0 TD 12.2	ASTM D 822
Elongation at Break	[%]	MD 477.5 TD 717.3	ASTM D 822
Elongation at Enervation	[%]	MD 10.0 TD 7.1	ASTM D 822
Energy at Break	[J]	MD 4.9 TD 5.5	ASTM D 822

TRANSPARENT MATERIAL	POLYPROYILENE 30MY
ADESIVE	ACRYLIC
STAINLESS STEEL WIRES	AISI 304 SP. 0.40 MM
EXTENSION STEEL WIRES	ABOUT 20%-25%
TOTAL THICKNESS	0.13-0.15 MM

TECHNICAL DATA SHEET LDPE UNDERGROUND WARNING TAPE

Type	Foil
Width:	150 mm.
Length:	365 MT
Thickness:	30 My
Colour:	Blue

TAPE	
TECHNICAL NAME	POLYETHYLENE LOW DENSITY
CHEMICAL NAME	OMOPOLYMER POLYETHYLENE
CAS NUMBER	9002-88-4
APPAREANCE	FOIL
DENSITY	910/940 KG. M3
APPARENT DENSITY	500/600 KG. M3
FUSION PAUSE	100-120°C
SPONTANEOUS COMBUSTION	340° C (ISO 871)
TEXTS	INDELEBLE TEXTS, ALKANLINE AGENTS RESISTANT, UNDERGORUND ACID RESISTANT

Recyclability: The film is completely recyclable with normal recovery systems.	
Storing:	With the normal storing conditions and protected from the sunlight the film doesn't decompose.

