

## ULTRASTRONG™

### Product Data Sheet

#### Description

Ultrastrong is an underground warning device consisting of a polymer encapsulated aluminium foil laminated between 2 layers of low density polyethylene. The tape can be printed as per customers requirements

#### Mechanical properties (Mean values)

			100mm wide	150mm wide	300mm wide
Tensile Strength	ISO 10319	kN	0.5	0.75	1.5
Elongation @ break	ISO 10319	%		300	

#### Physical properties (Mean values)

Thickness		µm	600		
Base layer colour			Black (lead free pigments)		
Base Layer thickness		µm	500		
Top tape colour			Various (lead free pigments)		
Aluminium foil purity		%	≥99.5		
Aluminium foil thickness		µm	≥8		
Print colour			Various (resistance to ground chemicals)		

#### Nominal dimensions

Roll width		mm	100/150/300		
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#### Application

The tape should be laid approximately half way between the ground level and the buried utility acting as a warning to any excavations that may happen in the future.

The detectable element of the tape allows for ease of location by the use of either induction or direct connection methods, using any standard cable locator/signal generator sets

#### Roll Connection and Termination

When the tape needs a connection or termination, it is recommended that Terram's ultracrimp or termination clamp is used to ensure an adequate connection—as pictured below



All information is given in good faith. The figures are typical values only and should not be taken as a guarantee of performance. Manufacturing tolerances for dimensional and technical characteristics apply and are available on request.

The company reserves the right to improve the product and adjust the specification without notice.

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