

CABLE CONNECTIONS

Underground Warning Tapes

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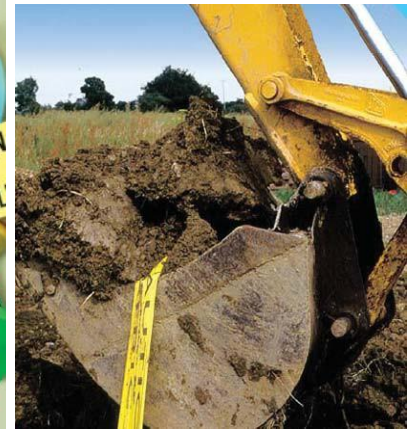
Underground warning tape Type 94

Underground warning tape Type 94 with perforated rated break points, in accordance with EN 12613.

The safest method to avoid disruption to gas, electricity and water supplies is an early and accurate warning system, to signal the existence of utility cables during excavation work. The majority of damages are caused by excavators.

Until now, the warning principle used was based on high elongation value of underground warning tape placed over cables. During excavation work these tapes would be unearthed and would only tear in the excavator shovel. The technological development, especially with today's excavator lifting speed of up to 300 mm per sec., invalidates this warning principle. The tapes tear due to great force unseen in the ground. Their warning effect is lost.

Underground warning tapes Type 94 represent a complete new generation. It complies with safety - and production specification in accordance to EN 12613, developed in association with the Institute for Bauschadensforschung Hannover, FH Mainz und Deutsche Telekom AG. The outdated warning principle of elongated tapes are replaced by the new principle of extreme tensile strength. In combination with the perforated rated break point, the underground warning tape Type 94 guarantees a perfect warning function.



The product tears only by extreme high excavator force. This tear-off procedure at the rated break point, developed by, assures the recovery of fragmented tape even at high lifting speed. The product characteristics support the warning effect in an optimal way. Due to the bright colours it is impossible not to take notice of the underground warning tape. The imprint immediately identifies type and ownership of the cable or pipe below. The warning effect is permanent due to the tape's resistance to ageing. It is colour-fast even in aggressive grounds.

The print is sealed with a laminated film, making it resistant even to mechanical damage and it remains legible.

The underground warning tape Type 94 is produced of Polyethylene and therefore environmentally neutral.

Standard Legends (additional legends available on request)

CAUTION BURIED CABLE BELOW
CAUTION BURIED ELECTRIC LINE BELOW
CAUTION BURIED FIBER OPTIC LINE BELOW
CAUTION BURIED GAS LINE BELOW

CAUTION BURIED WATER LINE BELOW
CAUTION BURIED TELEPHONE LINE BELOW
CAUTION BURIED SEWER LINE BELOW
CAUTION BURIED OIL LINE BELOW

Coextruded PE, resistant to ageing and temperatures, colourfast, free of PVC and heavy metals, permanently legible with film lamination.

Article-No.	Thickness	Width	Length	Packaging	
				Box	Pallet
940 250 0500 250	0.25 mm	50 mm	250 m	4	120
940 250 1000 250	0.25 mm	100 mm	250 m	2	60
940 250 1500 250	0.25 mm	150 mm	250 m	1	40
940 250 2500 250	0.25 mm	250 mm	250 m	1	24



Colours: yellow, red, blue, green (other colours and sizes available on request) Detectable underground warning tapes are available on request.