

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, showing the presence of utility cables during excavation work. The majority of damage is caused by excavators.

Until now, the warning principle used was based on the 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. Advances in technology, especially with modern lifting speeds of up to 300 mm/second have reduced this system's effectiveness. 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. They comply with safety and production specifications in accordance with EN 12613, developed in association with the Institut for Bauschadensforschung Hannover¹, FH Mainz and Deutsche Telekom AG. The outdated warning principle of elongated tapes is replaced by the new principle of extreme tensile strength. In combination with the perforated rated break point, underground warning tape Type 94 guarantees a perfect warning function.

¹ Institute of Damage Investigation



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. Its specifications guarantee a reliable warning effect. High visibility colours make it impossible to oversee the warning tape. The imprint (tape legend) immediately identifies type and ownership of the pipe or cable below. The tapes age properties ensures permanent warning effect, and it is colourfast even in aggressive ground environment.

Underground warning tape Type 94 made of polyethylene which is not harmful to the environment.

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

Co-extruded PE, temperature and ageing resistant, colourfast, free of PVC and heavy metals, with film lamination for permanent readability.

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 also available on request