



Sandall Stones Industrial Estate, Doncaster, South
Yorkshire, DN3 1QR

+44 (0)1302 310 113
enquiries@prosolveproducts.com
www.prosolveproducts.com

ProSolve is trademark of S.T.L Trading Company
Limited
Reg in England No: 5230722
VAT Reg No: 381 3533 58

Test Date: 25 January 2021

TEST REPORT / CERTIFICATE OF CONFORMITY

BS EN 12613:2021

ProSolve Underground Tapes (150mm x 365m)

TAPES TESTED: ELECT, FIBREOT, GAST, SEWERT, STREETILT, TELT, WATERT, TRAFFICT, DATAT, COMMST,
CCTVT, STREETLTPUR and SURFWT

Blue Diamond STL certifies that this range of ProSolve Underground Tapes are compliant with BS EN
12613:2021.

The ProSolve Underground Tapes when tested against 5.2 of the BS EN 12613:2021 did not exhibit any
change in appearance, colour and marking of the warning device.

The ProSolve Underground Tapes when tested against 5.4.2 of the BS EN 12613:2021 withstood a load of
200 N for the duration of 1 minute in longitudinal direction.

The ProSolve Underground Tapes when tested against 5.4.3 of the BS EN 12613:2021 did not exhibit a gap
between any point of the warning device and the reference surface greater than $W_0/4$.

The ProSolve Underground Tapes when tested against 5.4 of the BS EN 12613:2021 did not exhibit rupture
between the movable plate and frame.

The number of test pieces tested was 3.

Length of the longest single part was greater than 200mm and width was greater than 2mm visible outside
of the movable plate.

Length of the longest single part was greater than 200mm and width was greater than 2mm visible in the
frame.

This test was performed at 22.5 C

Analysis	Unit	Value (*)	Test Method
Tearing Elmendorf	[mN]	MD 1520.0	ASTM D 1922
		TD 7760.0	
Breaking strength	[N/mm ²]	MD 26.4	ASTM D 822
		TD 23.3	
Enervation point	[N/mm ²]	MD 10.0	ASTM D 822
		TD 12.2	
Elongation at enervation	[%]	MD 10.0	ASTM D 822
		TD 7.1	
Energy at break	[J]	MD 4.9	ASTM D 822
		TD 5.5	
Young Modulus	[N/mm ²]	MD 184.9	ASTM D 822
COF Static		0.24	ASTM D 1894
COF Dynamic		0.23	ASTM D 1894
Perforation strength	[N/mm]	2053.0	ASTM D 4649
Deformation to Perforation	[mm]	85.5	ASTM D 4649