

DIN EN 514:2018-04 (E)

Plastics - Poly(vinyl chloride) (PVC) based profiles - Determination of the strength of welded corners and T-joints

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Principle	4
5 Apparatus	4
5.1 Tensile or compression testing machine	4
5.2 Test arrangements	4
6 Test specimen	8
6.1 Welding of the corner test specimen	8
6.2 Welding of the T-joint test specimen	8
6.3 Tensile bending test specimen	9
6.4 Compression bending test specimen	9
6.5 Number of test specimens	9
7 Conditioning	10
8 Procedure	10
8.1 Test temperature	10
8.2 Tensile bending test	10
8.3 Compression bending test	10
9 Test report	10
Annex A (normative) Method for the calculation of the failure stress	12
A.1 Tensile bending test	12
A.2 Compression bending test	12