

# Test report

## ***LoviX-R mechanical integrity under increased water pressure***

**Report Nr.: 25831**

---

### **Test specifications**

*Test object* : 008504 LOVIX R60 24 185-400 LEM  
*Type* : Single core straight joint for polymeric cable  
 *$U_0 / U (U_m)$*  : 12/20(24) kV  
*Rated cross-section range* : 185-400 mm<sup>2</sup>  
*Manufacturer* : Lovink Enertech BV  
  
*Test period* : May – August 2025  
*Test location* : Terborg, Netherlands

---

### **Relevant Normative Documents**

NEN-HD 629-1 S3 2019

---

### **Test performed**

Selected tests of table 12, sequence B1. This test sequence is executed as addition to the existing HD type test and certification, to verify the mechanical integrity of the LoviX-R design under increased water pressure (2 bar).

---

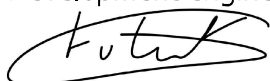
### **Test result**

All tests have been passed successfully. No moisture has penetrated into the joint.

Author:

**Frank van Lent**

Development engineer

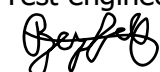


Terborg, 28-10-2025

Checked by:

**Bernard van Delft**

Test engineer

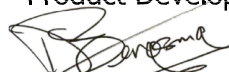


Terborg, 28-10-2025

Accepted:

**Dennis Bergsma**

Product Development Manager



Terborg, 28-10-2025