

# TEST CERTIFICATE

489 1106 96A

Tests according to EN 489:2009

for

radiation cross linked heat shrink joints for district heating pre-insulated  
pipeline system

**„Radpol S.A. Mx DPW-X“**

by order of

**Radpol S.A, 77-300 Czluchów, Poland**

Test Specimen No. 3219, 3220, 3221:

2x joint „Radpol S.A. M400 DPW-L“

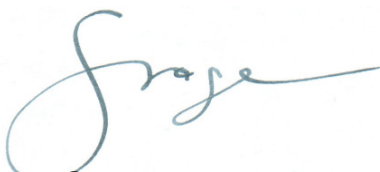
1x joint „Radpol S.A. M630 DPW-L“

FFI-report 1022E4984:

The following tests have been completed in accordance with the European Standard  
EN 489:2009 at the FFI for three non-welded joints in May 2011:

Soil stress tests with 0.3 m sand-overload plus rigid plate (18 kN/m<sup>2</sup>) and water  
impermeability tests.

**The tests were successful.**



Thomas Grage  
Managing director

Hemmingen, 2011-06-01

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