

1. What type of test are you requesting?

Is this an Initial test?

Is this a Repeat test?

For a repeat test: What was the IKT Test Report No. for the original:

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2. Details of sampling

When was the sample taken		Who took the sample (company/site management performing)		Who Supervised taking the sample (Name)
Date	Time	Block capitals	Signature	

3. Sample identification

Which company is IKT's client for testing this sample			Manufacturer's identification number for the liner			
Who is the client for the liner installation (e.g. water company)			Installation location ID (e.g. sewer identification by manhole numbers)			
Manufacturer of liner			Your unique sample identification number			
Type of liner (e.g. trade name and specification)			Date of installation of the liner			
Lining installation name (e.g. city and street)						
Material – resin & carrying material (e.g. EP/UP and GRP/NF)	Resin	Carrying mat.	Sampling point location	Pipe	End manhole	Interm. manhole
				○	○	○
Geometry of the liner installed (shape and diameter)	<input type="radio"/> Round	Diameter	Sampling position	Crown	Side zone	Base
	<input type="radio"/> Egg			○	○	○

4. Required short-term properties as per your client's instruction, or the manufacturer's declared values for the liner

Flexural modulus of elasticity E_f [MPa]		Circumf. mod. of elast. E_U [MPa]	
Flexural stress at first break σ_{fB} [MPa]		Initial ring stiffness S_0 [N/m ²]	
Statically load-bearing wall thickness e_m [mm]		Max. creep tendency K_{n24} [%]	

5. Test results (please just tick which tests you want us to perform, tables are for lab use) Note: 1 MPa = 1 N/mm²

5.1 Bending mod. of elast., bending stress as per EN ISO 178/ EN ISO 11296, Part 4

5.4 24h creep tendency with ref. to EN ISO 899, Part 2

<input type="checkbox"/>	Date of test	E_f [MPa]	σ_{fB} [MPa]	e_m [mm]	<input type="checkbox"/>	K_{n24} [%]
			Test direction	<input type="radio"/> axial	<input type="radio"/> radial	

5.2 Initial mod. of elast., initial ring stiffness as per EN 1228

5.5 24h creep tendency with ref. to EN 761

<input type="checkbox"/>	Date of test	E_U [MPa]	S_0 [N/m ²]	e_m [mm]	<input type="checkbox"/>	K_{n24} [%]

5.3 Water tightness as per APS code

<input type="checkbox"/>	Date of test	Test period [min]	Test pressure [bar]	Test result
		30	0.5 ± 5%	<input type="radio"/> tight <input type="radio"/> not tight

6. Evaluation of results [for lab use only]

Requirements	met	not met	Requirements	met	not met
Flexural modulus of elasticity	<input type="radio"/>	<input type="radio"/>	Circumfer. mod. of elasticity	<input type="radio"/>	<input type="radio"/>
Flexural stress at first break	<input type="radio"/>	<input type="radio"/>	Initial ring stiffness	<input type="radio"/>	<input type="radio"/>
Wall thickness	<input type="radio"/>	<input type="radio"/>	24h creep tendency	<input type="radio"/>	<input type="radio"/>
Water tightness	<input type="radio"/>	<input type="radio"/>			

Signature of Inspector/Head of Lab.

IKT Web-No. - Please do not write in this space -