



**RAPPORT D'ESSAIS
LABORATOIRE CHAMPAGNÉ**

IDENTIFICATION
N° CR: A1015
du 21/03/2001
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ESSAIS CONCEPTION

N° affaire:	
réf produit:	
norme produit:	
normes essais:	
PREDIFFUSION	
Service	Date
émetteur	Visa
demandeur	

TEST PURPOSE

Testing the sealing performances (30m) of clipper connector after temperature aging (250 h 125 °C)

PRODUCT REFERENCES

CL1M1101 ; CL1F1103 ; CL101021
receptacle plug backshell

- 2 couples tested after temperature aging
- 1 couple tested without aging (as a reference)

CONCLUSION

The clipper connectors pass the sealing test successfully. They support **5 minutes** under **3 bars** of water pressure without any leak.

<u>ÉMETTEUR:</u> NOM : LEMARIE DATE : 21/03/2001 VISA	<u>DESTINATAIRES</u> JM DECHANTELOUP	<u>COPIES</u> (page 1 uniquement) D. GLOAGUEN P. SANGLEBOEUF
<i>D i f f u s i o n e x t e r n e à F C I n o n a u t o r i s é e</i>		

TESTED PRODUCTS

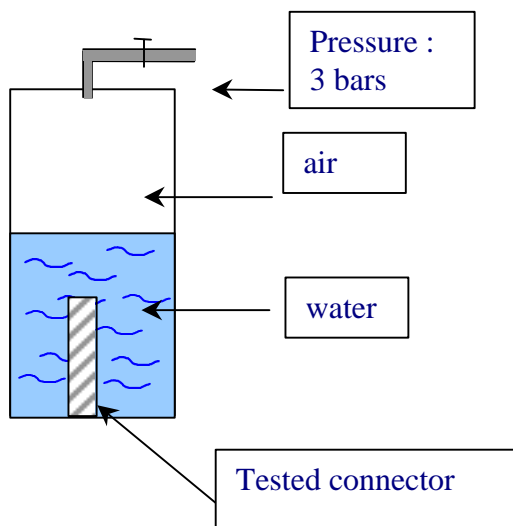
The connector is tested using the following mounting :



2 samples are placed for 250 hours in a dry heat chamber (125°). 1 sample without aging is used a reference.

TEST DEVICES

- Dry heat chamber for temperature aging
- Pressure test device, as :



Sealing test : the samples are placed under **3 bars** during **5 minutes**.

Then the sample is disassembled and a visual inspection is done to see if there is a presence of water inside the connector.

RESULTS

- The 3 references have been placed in the pressure device for **5 minutes**.

No water has been noticed inside the connector

- A connector is tested during **2 h 30** under **3 bars**.
Also no water has been noticed.

CONCLUSION

The clipper connectors pass the sealing test successfully. They support **5 minutes** under **3 bars** of water pressure without any leak