



# Zentralprüfstelle für Feuerlöschschläuche

Central Test Institute for Fire Fighting Hoses • Bremer Weg • D-29223 Celle  
☎+49(0)5141 979-414 /-0 • ✉pruefstellen@nlbk.niedersachsen.de

## Request for Examination of Fire Fighting Hose

to the Zentralprüfstelle für Feuerlöschschläuche  
Niedersächsisches Landesamt für Brand- und Katastrophenschutz  
Bremer Weg 164  
D – 29223 Celle

The request must be complete and signed and should be enclosed with the sample.  
For preannouncement, you can send the request by mail to:  
[pruefstellen@nlbk.niedersachsen.de](mailto:pruefstellen@nlbk.niedersachsen.de)

**Attention: At present, the ozone test cannot be carried out by ZPC.  
By signing the application, the applicant confirms that they will carry out the ozone test independently and provide the results to ZPC.  
Without the corresponding certificate, ZPC cannot issue a test certificate.**

Each hose needs his own request.

Numbers of pages attached to this request:

An official test is hereby carried out in accordance with the test conditions for fire hoses and the schedule of fees for the testing of fire hoses in the currently valid version.

### Nach Norm:

- |  |                      |
|--|----------------------|
| <input type="checkbox"/> DIN 14811:        | <input type="text"/> |
| <input type="checkbox"/> DIN EN 14540:     | <input type="text"/> |
| <input type="checkbox"/> DIN EN 1947:      | <input type="text"/> |
| <input type="checkbox"/> DIN EN 694:       | <input type="text"/> |
| <input type="checkbox"/> DIN EN ISO 14557: | <input type="text"/> |

### Art der Prüfung:

- |   |
|---|
| <input type="checkbox"/> Type test            |
| <input type="checkbox"/> Partial test         |
| <input type="checkbox"/> Control Review       |
| <input type="checkbox"/> Review               |
| <input type="checkbox"/> <input type="text"/> |

**Manufacturer:**

**Postal Address:**

**Contact person:**

**Mailing address:**

**Telephone:**

**1. Article description of fire fighting hose (trade/ brand name):**

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**2. Name according to DIN, EN or ISO (z.B. DIN 14811-B75-20-KL1-3-K-L1):**

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**3. Technical information of fire fighting hose:**

**Inside diameter [mm]:**

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**Maximum Mass [kg/m]:**

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**Hose Length [m]:**

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**Coloring:**

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**Numbers of warp:**

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**Numbers of weft:**

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**Weave (binding):**

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**Fibre:**

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**Coupling weight [kg]:**

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**4. Information on the materials used:**

**Jacket:**

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**Lining:**

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**Reinforcement fracture:**

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**5. Remarks:**


**6. The applicant wishes:**

- The return of the test specimens (any shipping costs incurred will be added to the test fee)
- The disposal of the test specimens after the test has been carried out by the central testing centre for fire hoses (except for retained samples)
- The whereabouts of the test specimens for the purpose of round robin tests etc.

**The following documents must be enclosed with the test application:**

1. Trade marks used
2. Existing brochures, technical documents, information on the possibility of repair
3. Details of own test results (e.g. burst pressure, adhesion, pressure loss due to friction)
4. Trade name and manufacturer's number of the inner and outer materials used and details of the fibre material
5. Proof of a recognized quality management system, e.g. in accordance with DIN EN ISO 9001

**The following samples are required for the respective test:**

**Pressure hose according to DIN 14811**

- Three standard lengths with integrated couplings

The following standard lengths are required in triplicate.

These lengths must be adhered to:

<b>D 25</b>	15 m	<b>C 52</b>	15 m	<b>A 102</b>	20 m
<b>C 38</b>	15 m	<b>C 55</b>	15 m	<b>A 110</b>	20 m
<b>C 40</b>	15 m	<b>B 65</b>	20 m	<b>F 125</b>	10 m
<b>C 42</b>	15 m	<b>B 70</b>	20 m	<b>F 152</b>	10 m
<b>C 45</b>	15 m	<b>B 75</b>	20 m		

**Semi-rigid-delivery hoses and hose assemblies for pumps and vehicles according to DIN EN 1947**

- A total length with integrated DIN couplings
- A test length of at least 20 m without integration
- Two sheets of the inner and outer layer materials used with a thickness of 1 mm in the dimension of 30 x 30 cm
- 12 test pieces with pressed-in hydraulic screw connection with the following specifications
  - Hose ends on both sides with sealing head and union nut
  - Light form (L) according to DIN 20078, part 8
  - Suitable for bore shape W (24°) series L, DIN 3861

The twelve test pieces are made up of:

- 6 x 0.8 m for the hydrostatic tests,
- 1 x 2 m for the buckling pressure test and
- 5 x 0.35 m for the abrasion resistance test (only for class 5 and 6)
- Certificate from the manufacturer that the test pressure has been reached after test 6.5 – Flexibility at low temperature

## **Semi-rigid-hoses for fixed systems according to DIN EN 694**

- A total length with integrated DIN couplings
- A test length of at least 15 m
- Two sheets of the inner and outer layer materials used with a thickness of 1 mm in the dimensions 30 x 30 cm
- 6 test pieces with pressed-in hydraulic screw connection with the following specifications
  - Hose ends on both sides with sealing head and union nut
  - Light form (L) according to DIN 20078, part 8
  - Suitable for bore shape W (24°) series L, DIN 3861

The six test pieces are made up of:

- 6 x 0.8 m for the hydrostatic tests
- Certificate from the manufacturer that the test pressure has been reached after test 6.5 - Flexibility at low temperatures

## **Rubber and plastic suction hose and hose assemblies**

### **according to DIN EN ISO 14557**

->Type A and B:

- five suction hoses, length 1 m with integrated DIN couplings
- one suction hose, length 2.50 m with integrated DIN couplings
- one suction hose, length 1.50 m not integrated

->Type B (additional):

- three test pieces, minimum length 1 m with integrated DIN couplings
- two sheets of thermoplastic material with a thickness of 1 mm in the following dimensions 30 x 30 cm

## **Non-percolating layflat hoses for fixed systems according to**

### **DIN EN 14540**

- A total length with integrated DIN couplings
- A test length of at least 12 m without integration

By signing this form, the undersigned confirms the accuracy of the information provided and that he is the manufacturer of the hose to be tested according to DIN 14811 2008-01, 4.1.

Place, date

signature, stamp

# Shipping label

If possible, please use the following shipping label to send your hose samples to the Zentralprüfstelle für Feuerlöschschläuche (ZPC = central testing centre for fire hoses)



Sender:


Recipient:

Niedersächsisches Landesamt für  
Brand- und Katastrophenschutz  
Zentralprüfstelle Celle  
Sylvia Kalliebe / Anna Hornbostel  
Bremer Weg 164  
D – 29223 Celle