

## TEXIline HF90 1kV / UL Style 3607



### Internal wire

Flexible

Max wire temperature : -40°C/+125°C  
 Max wire temperature acc UL: -40°C/+105°C  
 Voltage Rating U<sub>o</sub>/U (U<sub>m</sub>): 0,6/1 (1,2)kV  
 Voltage Rating acc UL: 0,6 kV

#### Standards

Conductor IEC 60228,5/ UL1581  
 Construction: IEC 60092-353/ UL 3607  
 Flammability test: IEC 60332-1  
 Smoke density IEC 61034-2  
 Halogen free IEC 60754-1,2

Approval: Det Norske Veritas Nr : E-10016  
 UL for USA and Canada

### Application

Plain or tinned stranded copper conductor class 5.  
 Halogen free, cross linked, flame-retardant wire for internal wiring.  
 The wire has a smooth surface for easy installation and is available in 10 different bright colours.  
 Delivery in boxed wire, drums or on spools.  
 The wire is DNV approved from 0,75mm<sup>2</sup>-185mm<sup>2</sup> at 90°C.

### Construction

Conductor	Flexible, bare or tinned copper Class 5
Insulation	Halogen free, cross linked, and flame retardant special compound
Marking	TEXIline HF90 - size - 1 kV / E164256 UL AWM 3607 105C cUL AWM I A 105C 600V FT2
Packaging	Drums, Boxed wire, Spools, Coils

### Dimensions:

Type	Conductor cross-section (mm <sup>2</sup> )	Insulation thickness (mm)	Overall-diameter (mm)	CU weight (kg/km)	Colour	Packing
TEXIline HF90 / AWG 19 3607	0,75	0,78	2,66	7,2	Customer choice	Boxed wire/spools
TEXIline HF90 / AWG 18 3607	1	0,78	2,86	9,6	Customer choice	Boxed wire/spools
TEXIline HF90 AWG 16 3607	1,5	0,8	3,2	14,4	Customer choice	Boxed wire/spools
TEXIline HF90 AWG 14 3607	2,5	0,8	3,6	24,0	Customer choice	Boxed wire/spools
TEXIline HF90 AWG 12 3607	4	0,8	4,0	38,4	Customer choice	Boxed wire/spools
TEXIline HF90 AWG 10 3607	6	0,8	4,9	57,6	Customer choice	Boxed wire/spools

### Alstermo Produktion AB

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 Fax. +46 481 50888 Homepage: [www.amokabel.com](http://www.amokabel.com)

Type	Conductor cross-section (mm <sup>2</sup> )	Insulation thickness (mm)	Overall-diameter (mm)	CU weight (kg/km)	Colour	Packing
TEXIline HF90	10	0,7	5,5	96,0	Customer choice	Drums/spools/coils
TEXIline HF90	16	0,7	6,6	154	Customer choice	Drums/spools/coils
TEXIline HF90	25	0,9	8,3	240	Customer choice	Drums/spools/coils
TEXIline HF90	35	0,9	10,0	336	Customer choice	Drums/spools/coils
TEXIline HF90	50	1,0	11,7	480	Customer choice	Drums/spools/coils
TEXIline HF90	70	1,1	13,6	672	Customer choice	Drums/spools/coils
TEXIline HF90	95	1,1	15,1	912	Customer choice	Drums/spools/coils
TEXIline HF90	120	1,2	16,4	1152	Customer choice	Drums/spools/coils
TEXIline HF90	150	1,4	19,8	1440	Customer choice	Drums/spools/coils
TEXIline HF90	185	1,6	21,4	1776	Customer choice	Drum/spools/coils



**DET NORSKE VERITAS**  
**TYPE APPROVAL CERTIFICATE**

**CERTIFICATE NO. E-10016**  
This Certificate consists of 3 pages

*This is to certify that the*  
**Switchboard Wires**  
*with type designation(s)*  
**Texiline HF90 0,6/1 kV**

*Manufactured by*  
**Alstermo Produktion AB**  
ALSTERMO, Sweden

*is found to comply with*  
Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards  
IEC 60092-353 (2001-04)  
IEC 60754-1 (1994-01)  
IEC 61034-2 (2005-04)

*Application*  
General power and lighting.  
Low Halogen and low smoke.

Type	Texiline HF90 0,6/1 kV
Voltage class (kV)	0,6/1
Temp. class (°C)	90

*Place and date*  
Høvik, 2009-11-25  
for DET NORSKE VERITAS AS

*Head of Section*  
  
Marit Laumann



Local Office  
DNV Malmö

*This Certificate is valid until*  
2013-12-31

*Surveyor*  
  
Kjersti Bakke

Notice: This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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