

Texiline HFD 90 1kV



Internal Wire/Cable

Flexible

Max wire temperature: -40°C/+125°C
 Voltage Rating Uo/U (Um): 0,6/1 (1,2)kV

Standards

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

Approval: Det Norske Veritas Nr : E-10017

Application

Plain or tinned stranded copper conductor class 5.
 Halogen free, cross linked, flame-retardant double insulated wire. The wire has two layers of identical insulation. The wire could be used as short circuit proof wire for electrical panels. The wire has a smooth surface for easy installation. Standard colour is grey but available in 10 different bright colours on request. Delivery in boxed wire, drums or on spools. The wire is DNV approved from 1,5mm²-185mm² at 90°C.

Construction

Conductor	Flexible, bare or tinned copper Class 5
Insulation	Halogen free, cross linked, and flame retardant special compound
Sheath	Halogen free, cross linked, and flame retardant special compound
Marking	AMO TEXILINE HF90D - size - 1 kV
Packaging	Drums, Boxed wire, Spools, Coils

Dimensions:


Type	Conductor cross-section (mm ²)	Insulation thickness (mm)	Sheath thickness (mm)	Overall-diameter (mm)	CU weight (kg/km)	Colour	Packing
TEXILINE HFD 90	1,5	0,7	0,7	4,4	14,4	Customer choice	Boxed wire/spools
TEXILINE HFD 90	2,5	0,7	0,7	4,8	24,0	Customer choice	Boxed wire/spools
TEXILINE HFD 90	4	0,7	0,7	5,6	38,4	Customer choice	Boxed wire/spools
TEXILINE HFD 90	6	0,7	0,7	5,8	57,6	Customer choice	Boxed wire/spools
TEXILINE HFD 90	10	0,7	0,7	6,9	96,0	Customer choice	Drums/spools/coils

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Type	Conductor cross-section (mm ²)	Insulation thickness (mm)	Sheath thickness (mm)	Overall-diameter (mm)	CU weight (kg/km)	Colour Standard Grey	Packing
TEXILINE HFD 90	16	0,7	0,7	8,0	154	Customer choice	Drums/spools/coils
TEXILINE HFD 90	25	0,9	0,9	10,5	240	Customer choice	Drums/spools/coils
TEXILINE HFD 90	35	0,9	0,9	11,8	336	Customer choice	Drums/spools/coils
TEXILINE HFD 90	50	1,0	1,0	13,7	480	Customer choice	Drums/spools/coils
TEXILINE HFD 90	70	1,1	1,1	15,8	672	Customer choice	Drums/spools/coils
TEXILINE HFD 90	95	1,1	1,1	17,3	912	Customer choice	Drums/spools/coils
TEXILINE HFD 90	120	1,2	1,2	18,8	1152	Customer choice	Drums/spools/coils
TEXILINE HFD 90	150	1,4	1,4	21,6	1440	Customer choice	Drums/spools/coils
TEXILINE HFD 90	185	1,6	1,6	24,6	1776	Customer choice	Drum/spools/coils
TEXILINE HFD 90	240	1,6	1,6	29,4	2304	Customer choice	Drum/spools/coils



DET NORSKE VERITAS
TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. E-10017
This Certificate consists of 3 pages

This is to certify that the
Electric Cable, Power Current
with type designation(s)
Texiline HF90D 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. Double insulated.
Low Halogen and low smoke.

Type	Texiline HF90D 0,6/1 kV
Voltage class (kV)	0,6/1
Temp. class (°C)	90

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

Marit Laumann
Marit Laumann
Head of Section

Kjersti Bakke
Kjersti Bakke
Surveyor

This Certificate is valid until
2013-12-31

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.

If this certificate relates to a design which is covered by a patent, the applicant is responsible for the validity of the patent. The certificate holder shall ensure that the design is not covered by a patent. The certificate holder shall ensure that the design is not covered by a patent. The certificate holder shall ensure that the design is not covered by a patent.

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