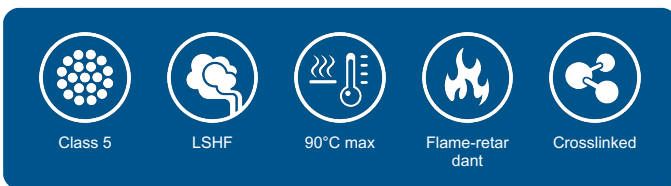




TEXILINE HF90 TW / UL 3746



APPLICATION

DNV-approved 0,5 and 0,75mm² thin-wall single insulated 150/250V cable for use in shipboard and offshore distribution panels and switchboards. TEXILine HF90TW has a smooth surface and flexible tinned Cu class 5 conductor that provides excellent installation properties. Available in 12 different standard colours, others on request.

STANDARDS

Conductor

IEC 60228 Class 2
UL1581

Construction

IEC 60092-353
UL3746

Halogen free

IEC 60754-1
IEC 60754-2

Smoke density

IEC 61034-1
IEC 61034-2

Voltage test

IEC 60092-350

Flame retardant

IEC 60332-1
IEC 60332-2

APPROVAL



CONSTRUCTION

Bending radius - Final mount fixed

4 xOD

Color

Customer specified

Conductor

Class 5 flexible tinned copper

Insulation

Halogen free, cross-linked and flame retardant special compound

Labeling example

Amokabel TEXILine HF90 TW <size> 150/250V E164256 UL AWM 3746 105C cUR AWM I A 105C 300V FT2

PROPERTIES

Temperature rating (DNV)

90 °C

Temperature rating (UL)

105 °C

AC Voltage rating U₀/U

150/250V



Name	Cross section [mm ²]	Number of strands [pcs]	Strand diameter [mm]	Insulation thickness [mm]	Outer diameter [mm]	Max resistance of conductor @20°C [Ω/km]	Total weight [kg/km]
0,5 / AWG 21	0.5	16	0.2	0.45	1.8	40.1	7
0,75 / AWG 19	0.75	24	0.19	0.5	2.1	26.7	10

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