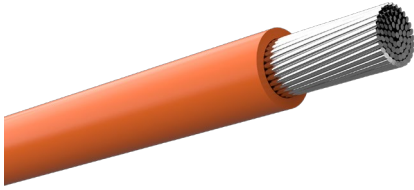


TEXILine HF90 TW / UL 3746



**Application:**

DNV-GL-approved 0,5 and 0,75mm<sup>2</sup> 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.

**Properties:**

Temperature rating DNV	+90°C
Temperature rating UL	+105°C
Voltage Rating Uo/U	150/250V
Voltage Rating acc UL	300 Vac
Spark test	≥ 6kV

**Standards:**

Conductor	IEC 60228,5/UL 1581
Construction	IEC 60092-353 /UL3746
Halogen free	IEC 60754-1, -2
Smoke density	IEC 61034-1, -2
Flame retardant	IEC 60332-1-2
Test voltage	IEC 60092-350

**Approval**

DNV-GL  
UL AWM acc UL Style 3746 File E164256  
UL for AWM I A acc CSA C22.2 No 210,11 file E164256  
CE acc 2014/35/EU

**Construction**

Conductor	Class 5 flexible tinned copper
Insulation	Halogen free, cross-linked and flame retardant special compound
Marking	Amokabel TEXILine HF90 TW <size> 150/250V E164256 UL AWM 3746 105C cUR AWM I A 105C 300V FT2
Minimum bending radius, fixed installation	OD x 4
Colour	Customer specified

Type code	Conductor Cross-section	Number of wires	Wire diameter	Nominal insulation thickness	Nominal outer diameter	Max resistance of conductor @20°C, tinned Cu	Total weight
	[mm <sup>2</sup> / AWG]	[pcs]	[mm]	[mm]	[mm]	[Ω/km]	[kg/km]
TEXILine HF90 TW	0,5 / AWG 21	16	0,2	0,45	1,8	40,1	7
TEXILine HF90 TW	0,75 / AWG 19	24	0,19	0,50	2,1	26,7	10