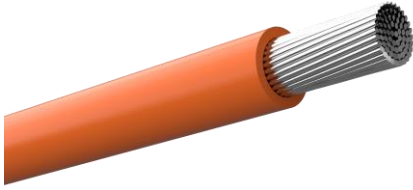


TEXILine HF90 TW / UL 3746



Application:

DNV-GL-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.

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 ² / 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 |