



# TÜRK LOYDU

## TYPE APPROVAL CERTIFICATE

This Certificate consists of 2 pages.

This is to certify that the

**SHEATHED FLEXIBLE ELECTRICAL CABLE**

With type designations

**H07RN-F**

Manufactured by

**ÜNTEL KABLOLARI SAN. TİC. A.Ş.**

Is found to comply with

**TURK LOYDU RULES PART B, CHAPTER 5 [JULY 2017]  
EN 50525-1, EN 50525-2-21, IEC 60332-1-2**

**Application** : Approved cables can be used on connections of fixed or mobile equipments which can be connected with hot surfaces. Can be used indoor, outdoor, dry, wet, oily environments.

**Design** : ÜNTEL KABLOLARI SAN. TİC. A.Ş.

**Sizes** : According to the manufacturer specifications

**Address of Manufacturer** : Demirciler Köyü, Makine OSB, 6.Cadde No:4, PK: 41455 Dilovası/KOCAELİ

**Place and date** : İSTANBUL – 05.09.2019

Subject to the conditions referred to in the following pages, this certificate is valid until 04.09.2024

  
**Emrah SÖĞÜTÇÜ**  
New Building Division Manager



**Product description** : PCP or Equivalent synthetic elastomer sheathed flexible cable

**Type Designation** : H07RN-F

**Materials used** : Conductor: Electrolytic annealed, Class 5 stranded plain copper

Separator: A suitable tape may be applied

Insulation: EI4 Type rubber (EPR) compound

Inner Sheath: EM2 or EM3 Type elastomer compound (if outer sheath thickness greater than 2.4 mm)

Outer Sheath: EM2 Type elastomer compound

**Application/ Limitation (Approval conditions):** All cables are to be tested on manufacturer premises before installation in ship.

**Documentation** : Type test reports T1901-R0 to T1938-R0, Material test reports TSE Lab. No : 474403 and 388203

**Test carried out (and results)** : Electrical tests according to EN 60228, Constructional and Dimensional test according to EN 60228, EN 50525-2-21, EN 50395, Material tests according to EN 50363-1, EN 50363-2-1, Flame spread test according to IEC 60332-1-2. All tests found satisfactory.

**Place of test carried out** : ÜNTEL Factory, Dilovası / KOCAELİ

**Marking of product:** According to manufacturer labeling procedure.



**Yağız YILDIRIM**  
Surveyor

This certificate is subject to terms and conditions described below:

- Any significant change in design or construction may render this Certificate invalid. Type Approval Certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. This certificate is not valid for products without marking above mentioned. The manufacturer should notify TÜRK LOYDU of any modifications or changes to the equipment in order to obtain valid certificate. This certificate shows that tested specimens as representative of the product complies of the TÜRK LOYDU rules, and relevant international instruments that apply to it.