



TÜRK LOYDU

TYPE APPROVAL CERTIFICATE

This Certificate consists of 3 pages.

This is to certify that the

FIPRON CORD

With type designations

CORD 1, CORD 2, CORD 3

Manufactured by

FPN YANGIN KORUMA SİSTEMLERİ VE ÜRETİM A.Ş.

Is found to comply with

"TL Rules, Part B, Chapter 4, Machinery July 2018".

- Application** : They are designed to prevent electric-based fires in the initial phase.
- Design** : FPN Yangın Koruma Sistemleri Ve Üretim A.Ş.
- Sizes** : See Second Page
- Address of Manufacturer** : Demirciler OSB Bölgesi No:17/1 Gerede / BOLU
- Place and date** : İSTANBUL, 14.06.2019

Subject to the conditions referred to in the following pages, this certificate is valid until 13.06.2024


Emrah SÖĞÜTÇÜ
New Building Division Manager



Product description: Fipron Cord 1

Feature	Value
1 meter product weight, grams	27 ± 1
Sizes, mm*mm	3*5
Color	Variable
Stability (product performance over 60 months from date of manufacture)	The product must maintain its fire fighting performance.
Activation Temperature, °C	120-150
Protection Capacity Range, L	50-4000
Housing Temperature Range, °C	-50, +80
Effective Fire classes	A, B
Protection Class	IP 20
Kinds of Selling	5m single package, 50 m and 100 m coils
Extinguishing time from the moment of ignition, minute, maximum	5
Burn-back time, minute, minimum	15

Type Designation : CORD 1, CORD 2, CORD 3

Materials used : To be referred to the approved drawing dated 21.05.2019.

Application/ Limitation (Approval conditions):

- This certificate is valid if the product is used only on TR domestic vessels and on naval ships.

Documentation : The design and construction drawings approved by Türk Loydu dated 21.05.2019 with TL Ref Number: PAE-EPAS/004060/19-0952/HM.

Test carried out (and results) :

Objective: To demonstrate the capability of the following extinguishing device to extinguish a fire.


Test Results: In the case of the "FIPRON CORD 1" composite cord, the test has demonstrated the ability of the fire extinguishing device at a length of 1000mm, to extinguish an internal fire when subjected to a Class A cotton string fire source within a 50 liter distribution box.

Document Reference: Warringtonfire 410057, Date: 24th April 2019.

Place of test carried out : Warringtonfire, Holmesfield Road Warrington, United Kingdom

Marking of product: The product of packing is to be marked with name of manufacturer, type designation, and protection class.



S. Mahir TUĞCU 
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.