

H07RN-F

TITANEX[®]

90°C maximum
temperature at
the core

TITANEX

MADE TO SURVIVE.

THE NEXANS

TITANEX®

CABLE SURVIVAL CHALLENGE

TITANEX® H07RN-F flexible rubber cable range offers exceptional performances and is designed to release you from all your constraints. Robust yet flexible, **TITANEX®** is easy to use and withstands the toughest of conditions, such as hard-wearing situations, extreme temperatures and most chemicals.

For more than 50 years the **TITANEX® H07RN-F** cable range properties have been recognized as the best choice for all mobile and fixed installations in industrial environments such as construction sites, cranes, machines tools, factories, generators etc.

TITANEX® H07RN-F is also suitable for public environments and temporary events such as festivals or sports competitions, where the cable is often laid directly on the ground with no protection.

TITANEX® has evolved to perform even better: But how good is **TITANEX®**?

A real challenge

With a proud history and deep expertise in cable design, materials and standards, Nexans continues to improve its rubber cable range.

Have a look at our rigorous testing program:
TITANEX® Survival Challenge.





Class 5

Flexible and easy to work with

TITANEX® H07RN-F is easy to work with, even in large cross sections.

You can choose between 1 and 36 cores, and from 1 to 630 mm cross sections. **TITANEX®** cables are suitable for all mobile and fixed installations.





AG3

Robust for heavy situations

TITANEX® H07RN-F is one of the most robust* rubber cables in the industry for both indoor and outdoor use. Tests have shown excellent resistance to vibrations and abrasion.



*Tested to withstand 5 times the 30000 continuous cycles required by the standard.



Enhanced marking resistance and cross section identification at first sight

TITANEX® H07RN-F marking lasts 4 times longer compared to the industry standards, ensuring that the cable can be used time and time again.



For ease of installation, the number of cores and cross-sections size are enlarged.



Resistant to various chemicals and oils

TITANEX® H07RN-F rubber cables range is highly resistant to most chemicals and oils.





Withstands ultraviolet rays

TITANEX® H07RN-F cables can be installed outdoors without the risk of ultraviolet rays degrading the cable's properties.





Water resistant

TITANEX® H07RN-F is resistant to intermittent water. The cable also tolerates moist environments.



Maximum operating temperatures

Fixed and protected installation: **90°C**
Mobile installation: **60°C**
In short-circuit: **250°C**

Insulation

Special cross-linked elastomer

Conductor material

Bare copper
Lead free

Cable marking

TITANEX® H07RN-F 90°C n(G) or (X) x s

NEXANS CE USE <HAR> H07RN-F

Factory number

n = Number of cores
G = with green/yellow core
X = without green/yellow core
s = cross section in mm

Marking

Visible and long-lasting



Outer sheath

Special cross-linked elastomer
Colour: Black



Minimum bending radius

Dynamic use: 6 to 8 x cable outer diameter

Static use: 3 x cable outer diameter (for $\varnothing < 12$ mm)
or 4 x (for $\varnothing > 12$ mm)



NEW DRUM

- WATERPROOF
- SHOCKPROOF
- THERMAL SHOCK RESISTANT



90°C maximum
temperature at the core
**Fixed and protected
installation**



1kV
**Fixed and
protected
installation**



Flexible
Class 5



Robustness
AG3



Easy to strip



Long-lasting
marking



Cross section
identification
at first sight



Water Resistant
Intermittent



Chemical Resistant



Oil Resistant



Ultraviolet Rays
Resistant



Flame Retardant
IEC 60332-1



Conforms to
Eca Euroclass



Lead free



Class leader
since 1953



Made in France

90°C MAXIMUM TEMPERATURE AT THE CORE

TITANEX® H07RN-F withstands high operating temperature up to 90°C and operating voltage up to 1 kV in fixed and protected installations.



Visit nexans.com/titanex and explore **TITANEX®** properties.