



H07RN-F

Industrial flexible cable, insulation and outer sheath in elastomer.
Oil resistant, flame retardant according to IEC/EN 60332-1-2 standard. H07RN-F

STANDARDS

Product EN 50525-2-21; HD 22.4; HD 516; IEC 60245-4 type 66

APPLICATION

The TITANEX® 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® 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® 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.

The cable may be rated 0,6/1 kV where the installation has built-in protection and for motors in lifting appliances - machine tools - etc.

INSTALLATION AND DESIGN

Installation

This cable can be installed in open air or be buried but with extra mechanical protection.

Conductors laid up

Assembled conductors.



Lead free
Yes



Rated Voltage U₀/U
(Um)
450/750 V



Mechanical
resistance to
impacts
AG3



Cable flexibility
Flexible



Chemical
resistance
Accidental



Water proof
Good



Flame retardant
**C2, NF C 32-070 &
IEC 60332-1**



Max. conductor
temp. in service
90 °C

CHARACTERISTICS

Construction characteristics

Conductor material	Bare copper
Insulation	Special cross-linked elastomer
Outer sheath	Special cross-linked elastomer
Sheath colour	Black
Lead free	Yes

Electrical characteristics

Rated Voltage U ₀ /U (U _m)	450/750 V
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Mechanical characteristics

Mechanical resistance to impacts	AG3
Cable flexibility	Flexible

Usage characteristics

Silicone free	Yes
Chemical resistance	Accidental
Water proof	Good
Flame retardant	C2, NF C 32-070 & IEC 60332-1
Packaging	-
Length	- m
Max. conductor temperature in service	90 °C
Oil resistance	Yes
RoHS compliant	Yes
Short-circuit max. conductor temperature	200 °C

PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Number of cores
 10239193	-	H07RN-F TITANEX 4G1,5 MBH D500P1.5KM	4
 -	-	H07RN-F TITANEX 3X300 MBH GL250	3

 = Make to order,  = In stock,

SELLING AND DELIVERY INFORMATION

NEW ! MArking : The cross section marking is enlarged to allow easy identification during installation.

USE <har>N (x ou G) S TITANEX®

- N = nombre de conducteurs
- G = avec V/J
- x = sans V/J