



Nexans H07V-U MOBIWAY POP

Conductors without external sheath, PVC insulation, for general use packaged in a 100% sustainable recyclable cardboard spool. Nexans H07V-U conductors are designed for domestic installations, housing, etc... They are specially designed for panel wiring. They are suitable for fixed and protected installations, in lighting and control devices for voltages less than or equal to 1000V in alternating current and less than or equal to 750V in direct current to earth.

AVANTAGES

Nexans H07V-U Mobitway Pop wire spools have been designed to facilitate the work of installers. The compact spool format drastically reduces the spiral effect and facilitates wire pulling. This Nexans innovation is unique and saves time and comfort on worksites. The section of the wires is immediately identifiable: section 1.5 in pink and 2.5 in yellow.

This innovative format reveals its full potential when combined with the Nexans Mobitway Pop tool, which further simplifies transport and allows up to six wires to be pulled simultaneously.

This new solution, perfectly adapted to professionals, improves working conditions by reducing uncomfortable postures and increasing safety on construction sites.

Environment

- 100% sustainable
- 0 disposable plastic
- 100% recyclable cardboard spool

Engagement

- Ergonomic and safe, 67% fewer uncomfortable postures
- Optimised safety for installers
- Ease of transport

Economy

- 30% space saving



CONTACT

Building Products Information
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Conductor flexibility
Solid class 1



Lead free
Yes



Rated Voltage U_0/U
(Um)
450/750 V



Mechanical
resistance to
impacts
Low



Flame retardant
-



Max. conductor
temp. in service
70 °C



Operating temp.
-5 ... 60 °C



Weather resistance
No

INSTALLATION

Open air, in conduit, in cable trunking, in cable ducting. Thanks to the sliding properties of insulation, H07V-U is made to facilitate processing while pulling in.

Permissible current and voltage drop are given

For conductor laid alone in insulating tube on a wall Temperature = 30°C. Permanent operation
If conditions are different, apply correction factors from NF C 15-100 standard or other equivalent national standard.

Voltage drop

Calculated with $\cos \phi = 0.8$

CONSTRUCTION

Design

1. **Conductor**
Bare copper class 1
2. **Insulation**
PVC
Différent colors.

Marking

S.Y + USE <har> H07V-U n° Plant

CHARACTERISTICS

Construction characteristics

Conductor flexibility	Solid class 1
Conductor material	Bare copper
Conductor shape	Circular
Insulation	PVC
Lead free	Yes

Dimensional characteristics

Number of cores	1
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Electrical characteristics

Rated Voltage U ₀ /U (U _m)	450/750 V
Permissible current (one phase)	17.5 A
Permissible current rating (3 conductors)	15.5 A
Voltage drop, 3 conductors	20.0 V/A.km
Voltage drop, single phase	23.0 V/A.km

Mechanical characteristics

Mechanical resistance to impacts	Low
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Usage characteristics

Flame retardant	-
Max. conductor temperature in service	70 °C
Short-circuit max. conductor temperature	160 °C
Operating temperature, range	-5 ... 60 °C
Weather resistance	No
Chemical resistance	Accidental
Water proof	Low
Length	100 m
Packaging	Spool 100 m

OUR SUITABLE RANGE

- 10287152** Fil rigide Nexans H07 VU Mobitway Pop 1.5 Bleu 100m
- 10287153** Fil rigide Nexans H07 VU Mobitway Pop 1.5 Rouge 100m
- 10287154** Fil rigide Nexans H07 VU Mobitway Pop 1.5 Vert-Jaune 100m
- 10287155** Fil rigide Nexans H07 VU Mobitway Pop 1.5 Noir 100m
- 10287156** Fil rigide Nexans H07 VU Mobitway Pop 1.5 Orange 100m
- 10287157** Fil rigide Nexans H07 VU Mobitway Pop 1.5 Violet 100m
- 10287543** Fil rigide Nexans H07 VU Mobitway Pop 1.5 Gris 100m
- 10287554** Fil rigide Nexans H07 VU Mobitway Pop 1.5 Marron 100m
- 10287557** Fil rigide Nexans H07 VU Mobitway Pop 1.5 Blanc 100m
- 10287158** Fil rigide Nexans H07 VU Mobitway Pop 2.5 Bleu 100m
- 10287159** Fil rigide Nexans H07 VU Mobitway Pop 2.5 Rouge 100m
- 10287160** Fil rigide Nexans H07 VU Mobitway Pop 2.5 Vert-Jaune 100m

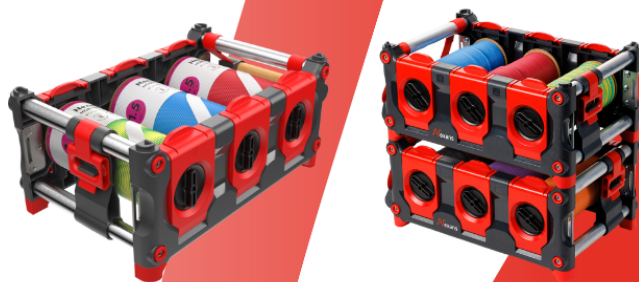
RANGE AND COLOURS



9 couleurs en 1.5 mm²

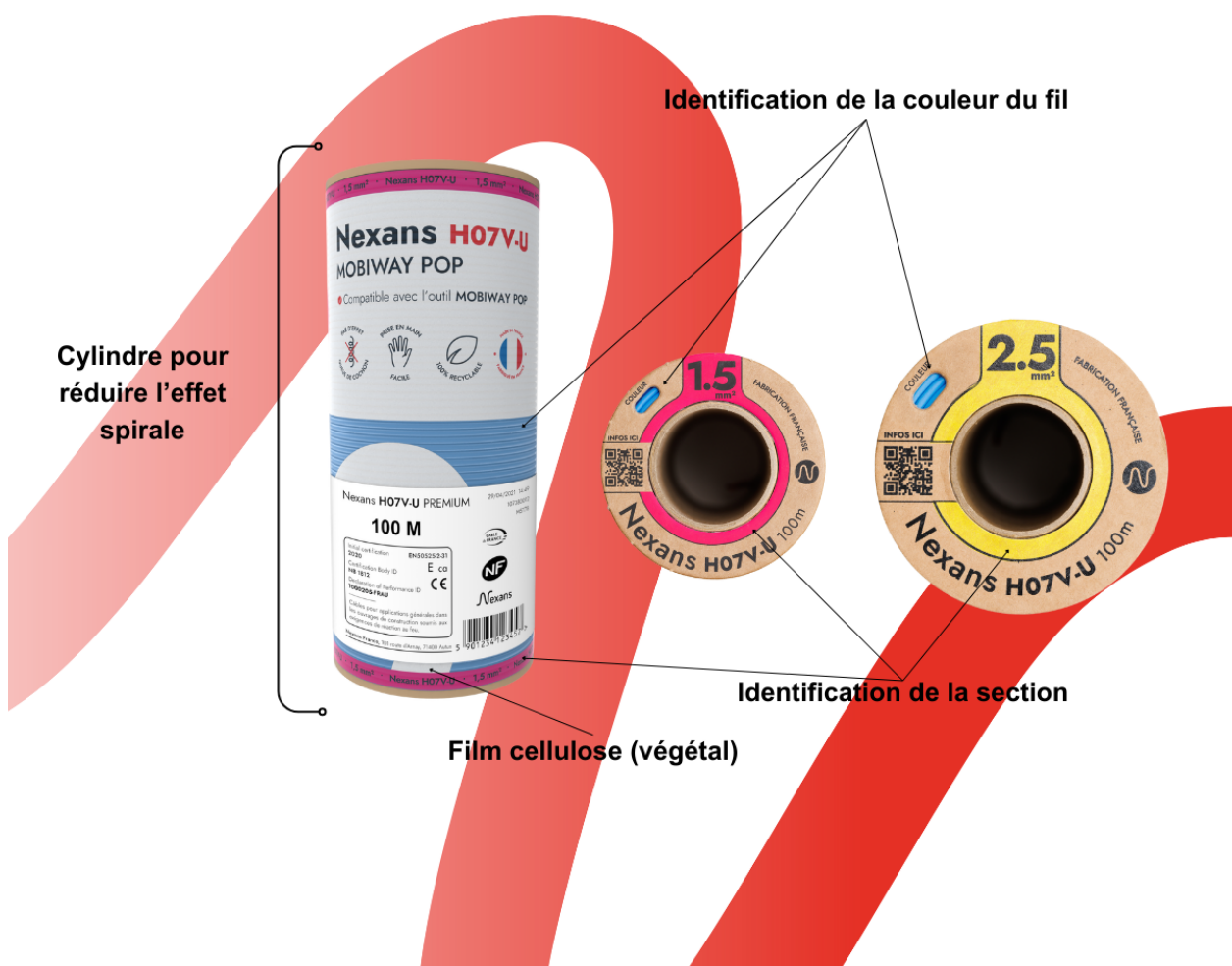


3 couleurs en 2.5 mm²



Bobinots compatibles avec l'outil MOBIWAY POP

NEXANS MOBIWAY POP SPOOL



NEXANS MOBIWAY POP TOOL

