Nexans H07V-U MOBIWAY POP

CONTACT

Building Products Information
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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 Mobiway 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 Mobiway 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

Conductor flexibility
Solid class 1

Lead free
Yes

Rated Voltage Uo/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

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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

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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
Electrical characteristics	
Rated Voltage Uo/U (Um)	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
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

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OUR SUITABLE RANGE

10287152 Fil rigide Nexans H07 VU Mobiway Pop 1.5 Bleu 100m

10287153 Fil rigide Nexans H07 VU Mobiway Pop 1.5 Rouge 100m

10287154 Fil rigide Nexans H07 VU Mobiway Pop 1.5 Vert-Jaune 100m

10287155 Fil rigide Nexans H07 VU Mobiway Pop 1.5 Noir 100m

10287156 Fil rigide Nexans H07 VU Mobiway Pop 1.5 Orange 100m

10287157 Fil rigide Nexans H07 VU Mobiway Pop 1.5 Violet 100m

10287543 Fil rigide Nexans H07 VU Mobiway Pop 1.5 Gris 100m

10287554 Fil rigide Nexans H07 VU Mobiway Pop 1.5 Marron 100m

10287557 Fil rigide Nexans H07 VU Mobiway Pop 1.5 Blanc 100m

10287158 Fil rigide Nexans H07 VU Mobiway Pop 2.5 Bleu 100m

10287159 Fil rigide Nexans H07 VU Mobiway Pop 2.5 Rouge 100m

10287160 Fil rigide Nexans H07 VU Mobiway Pop 2.5 Vert-Jaune 100m

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RANGE AND COLOURS

9 couleurs en 1.5 mm²

3 couleurs en 2.5 mm²

Bobinots compatibles avec l'outil MOBIWAY POP

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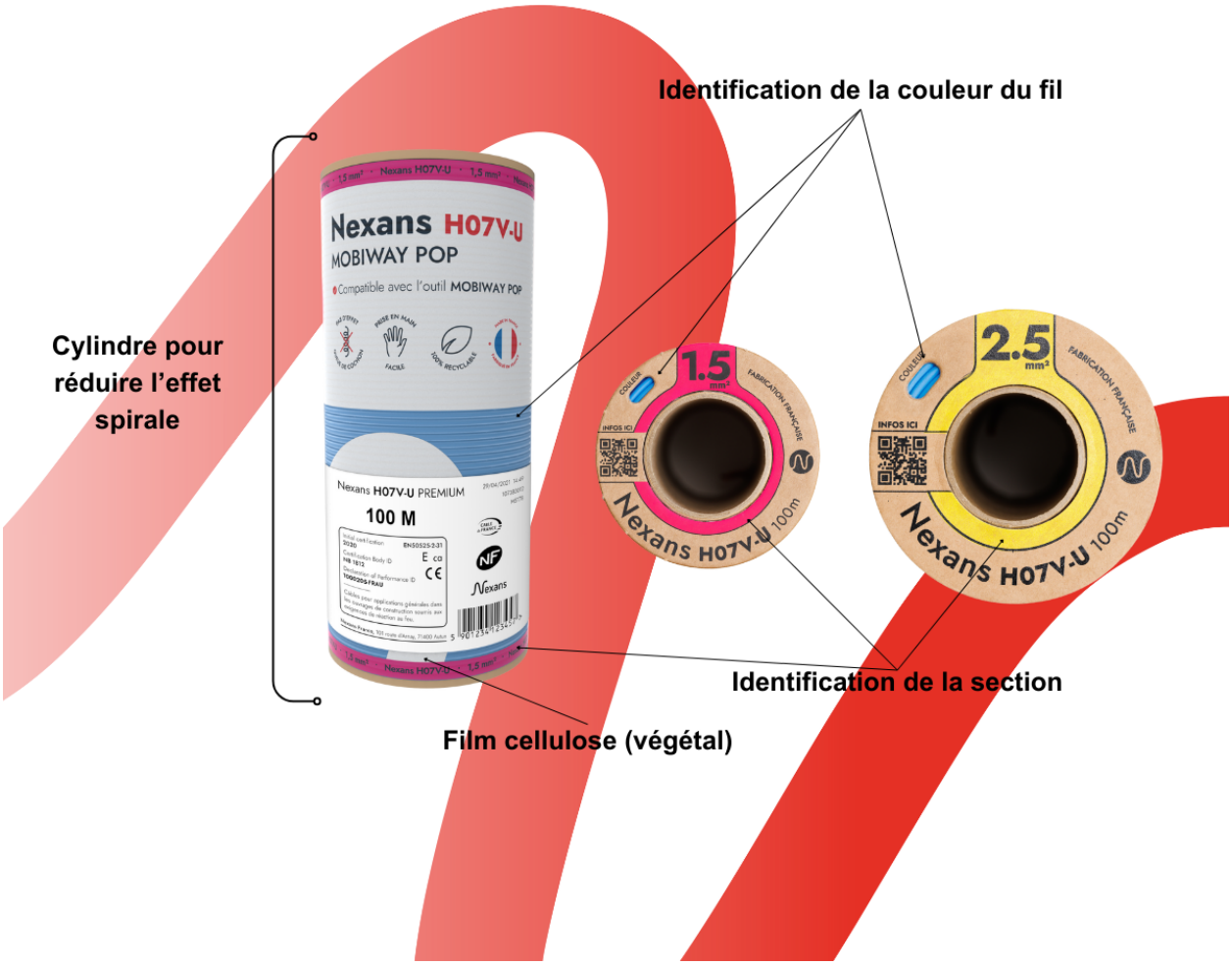
NEXANS MOBIWAY POP SPOOL



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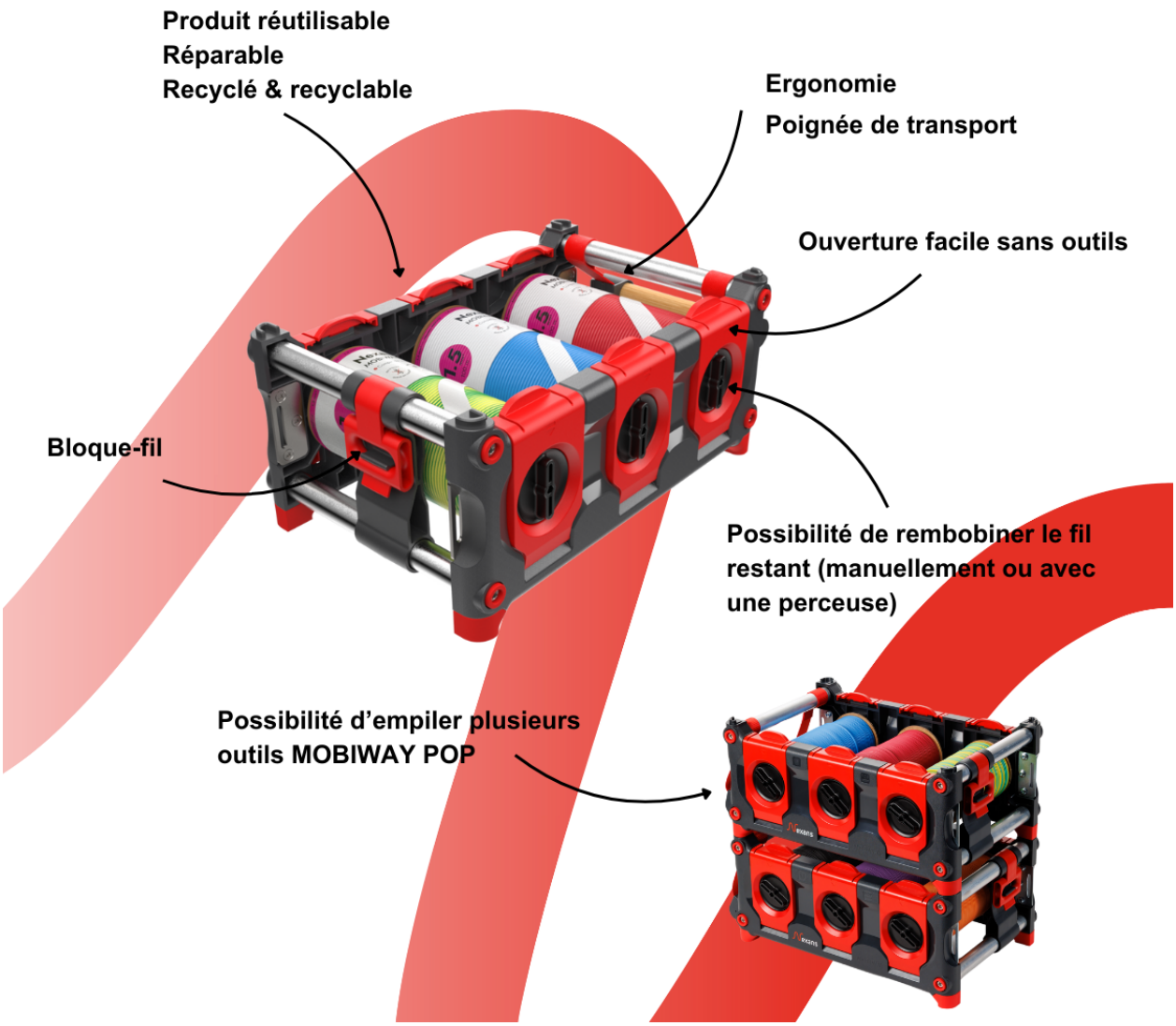
NEXANS MOBIWAY POP TOOL



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