



EASYFIL® consists of pre-assembled H07V-U wires using a peel-off binder. EASYFIL® is used for installation in surface mounted or embedded conduits, or similar closed systems

STANDARDS

Product EN 50525-2-31; HD 21.3; IEC 60227-1; NF C32-201/3

APPLICATION

Nexans H07V-U conductors are used for fixed protected installations : i.e. lights or control gear (from offices, domestic or commercial buildings ...) with voltage $\leq 1000V$ AC or $\leq 750 V$ DC

Design

1. **3 conductors H07V-U**
Bare copper class 1
2. **Insulation**
PVC
Différent colors.

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.

Voltage drop

Calculated with $\cos \phi = 0,8$.

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.

MARKING

NEXANS EASYFIL section

For each wire : S.Y + USE H07V-U factory number«har»

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



Cable flexibility
Rigid



Max. conductor
temp. in service
70 °C



Operating temp.
-5 ... 60 °C



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

CHARACTERISTICS

Construction characteristics

Conductor flexibility	Solid class 1
Conductor material	Bare copper
Conductor shape	Circular
Insulation	PVC
Lead free	Yes
With Green/Yellow core	-

Electrical characteristics

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

Mechanical resistance to impacts	Low
Cable flexibility	Rigid

Usage characteristics

Max. conductor temperature in service	70 °C
Short-circuit max. conductor temperature	160 °C
Operating temperature, range	-5 ... 60 °C
Flame retardant	C2, NF C 32-070 & IEC 60332-1
Weather resistance	-
Chemical resistance	Accidental
Water proof	Low

REFERENCE LIST

Cross section [mm²]	Colour	Length [m]	Max. outer diam. [mm]	Approx. weight [kg/km]	Packaging
1.5	Blue, brown, yellow/green	25	6.8	64	Coil
1.5	Blue-Red-Yellow/green	50	6.8	64	Coil
1.5	Blue-Red-Yellow/green	100	6.8	64	Coil
1.5	Blue-Red-Yellow/green	200	6.8	64	Coil
1.5	Blue-Red-Yellow/green	200	6.8	64	Coil
1.5	Blue-Red-Yellow/green	500	6.8	64	Drum
2.5	Blue-Red-Yellow/green	25	7.6	104	Coil
2.5	Blue-Red-Yellow/green	50	7.6	104	Coil
2.5	Blue-Red-Yellow/green	100	7.6	104	Coil
2.5	Blue-Red-Yellow/green	150	7.6	104	Coil
2.5	Blue-Red-Yellow/green	150	7.6	104	Coil
2.5	Blue-Red-Yellow/green	300	7.6	104	Drum



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Solid class 1



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LES PLUS PRODUIT

VRAIMENT PRATIQUE

3 fils en 1

Les fils H07V-U/V-R sont préassemblés grâce à un liant pelable.

Evitez les noeuds

1 couronne seulement : le risque d'emmêler les fils entre couronnes disparaît tout simplement.

Simple à utiliser

Vous pouvez séparer les fils sans outil au moment du raccordement. Le liant est enlevé d'un simple geste de la main.

GAIN DE TEMPS

Rapidité de pose

Préassemblés, vos fils H07V-U/V-R sont prêts à être posés immédiatement.

Manipulation aisée

Lors de la mise en goulotte, les fils restent solidaires. Plus besoin de les maintenir pour fermer les plinthes.

Compact et efficace

Les fils restent unis. C'est plus facile de loger plusieurs circuits.

FACILE A POSER

Solidarité des fils

Vous n'avez qu'un seul et unique élément à tirer, ce qui limite les frottements dans le conduit.

Agent glissant intégré

Le liant a été spécialement développé pour faciliter le glissement lors du tirage.

EASYFIL® + N'Roll® = Facilité

En équipant votre dérouleur N'Roll® avec EASYFIL®, vous supprimez les effets de torsion des fils.



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Solid class 1



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NEXANS 3 H07V-U EASYFIL CAN SAVE YOU TIME AND SPACE



Conductor flexibility
Solid class 1



Lead free
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(Um)
450/750 V



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