



EDITION 1  
VOLUME 1

# 15 THINGS YOU DIDN'T KNOW ABOUT SOUTHWIRE'S ROMEX® BRAND SIMpull® NM-B CABLE

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## MADE IN AMERICA

All raw materials, including the solid or stranded copper conductor, compounds, cable components, and the finished cables are Made in America.

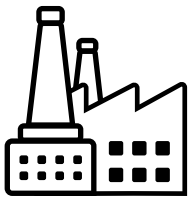
Southwire's Romex® Brand SIMpull® NM-B cable is fully compliant with the Buy America requirements for 49 U.S.C. § 5323(j), as well as the Federal Transit Administration Buy America requirements found in 49 C.F.R. part 661 and the USMCA for North American trade.



## OVERLOAD CURRENT TESTED

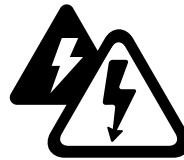
Southwire's 600V rated 14 AWG Copper NM-B has been exposed to 40 Amps of overload current for 1 hour per the flow test detailed in UL-719.

The coiled test sample passed the 5000 Volts RMS voltage test while immersed in a water bath.



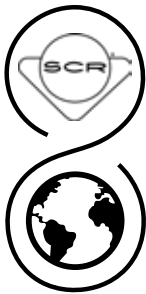
## SINGLE MANUFACTURER

All aspects of production for Southwire's NM-B cable, from drawing, annealing, extruding, cabling, to jacketing, printing, testing, and packaging, take place at one of Southwire's ISO-registered facilities.



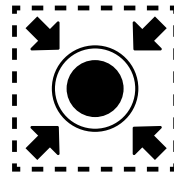
## ELECTRICAL CONDUCTIVITY

Copper-only conductors yield the highest electrical conductivity and the lowest DC resistance. Higher conductivity generates a greater ampacity for a given wire size.



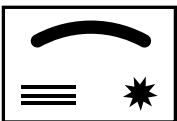
## PRODUCED USING SCR® TECHNOLOGY

Southwire Continuous Rod (SCR®) Systems provide more than half of the copper rod continuous-casting capacity in the world. For Southwire's Romex® Brand SIMpull® NM-B cable, this copper rod is transformed into fully annealed, copper-only conductors.



## PHYSICAL COMPACTNESS

Copper NM-B allows for the smallest conductor size to be used to carry the highest desired current rating. Installers can use the most compact electrical box size which will allow for pigtail wiring. Copper NM-B cable has established physical characteristics with consistent tensile & elongation properties.



## COMPLIANCE WITH GLOBAL STANDARDS

Southwire's Romex® Brand SIMpull® NM-B Cable is UL Listed per UL-719 and is compliant with National Electrical Code (NEC) Article 334 requirements for NEC installations in the U.S. Residential wiring made with copper conductors are also installed as branch circuits outside of the USA and are recognized by numerous standards around the world, including Canada (CSA), Mexico (NOM), Germany (DE), and Europe (EN).

Scan here to learn more!

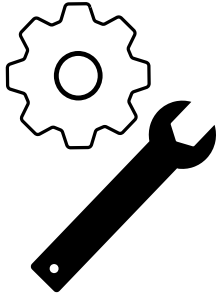


Southwire®



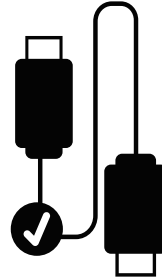
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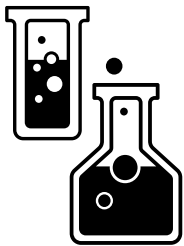
## MECHANICAL DURABILITY

Romex® Brand SIMpull® NM-B cable is resilient during backstabbing of dry wall boxes, installation of receptacles, splicing, and termination. The cable has excellent workmanship and is the least brittle with repeated and reverse bending. The cable's durability helps to minimize call-back frequencies and prevent rework.



## COMPATIBLE DEVICES

Many low-cost, commercially available devices are compatible with Romex® Brand SIMpull® NM-B cable. Installers do not need to worry about using mismatched devices or choosing the wrong twist-on wire connectors or screw types.



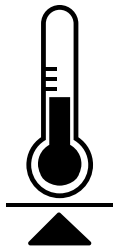
## CHEMICAL BENEFITS

A proprietary formulation is used for the lead-free PVC sheath to help reduce the coefficient of friction during installation. This SIMpull® technology supports a safe and efficient cable pull. The copper-only conductor also minimizes the risks for corrosion.



## EFFICIENT STRIPPING TOOLS

Southwire offers specific stripping tools to be paired with Romex® Brand SIMpull® NM-B cable. Our Romex® NM-B Wire Stripper and our Romex® BOXJaw™ Wire Stripper for 12/2 and 14/2 Romex® Brand wire help ensure the cables are stripped safely, efficiently, and without damage to the wire.



## THERMAL STABILITY

Copper has an excellent stability when exposed to extreme thermal cycling. Copper has a higher melting point and a linear thermal expansion coefficient that is 41% lower than aluminum.



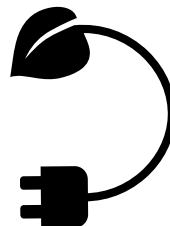
## ENVIRONMENTAL PRODUCT DECLARATION

As we continue to foster environmental stewardship and corporate sustainability, Southwire is developing a portfolio of Environmental Product Declarations (EPD) to help our customers achieve their LEED certifications. This ISO-14025 and ISO-21930-2017 report details the environmental impact of a product based on its Life Cycle Assessment (LCA). Currently, over 100 Southwire products have independently verified EPDs.



## DECADES OF FIELD FEEDBACK AND BRAND RECOGNITION

Approximately 2 million feet of Southwire's copper NM-B is installed in residential branch circuits in the USA each day. Southwire's Romex® Brand is one of the most recognized & trusted brand names for electrical wires in North America.



## RECYCLABILITY & SUSTAINABILITY

Southwire's Romex® Brand SIMpull® NM-B is considered environmentally friendly due to the full recyclability of annealed copper-only conductors. It is also considered sustainable because it is compliant with RoHS.

