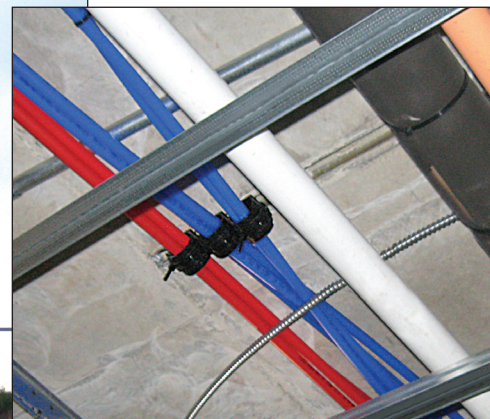


Neptune Plumbing Finds Ingenious Uses for Innovative Products From nVent CADDY



Overcrowding in the ceiling space posed a variety of challenges for contractor Neptune Plumbing and Heating Company. Using the TSM tubing channel clip, several hot and cold water supply lines were conveniently bundled together.

A variety of nVent CADDY products from nVent ERICO were utilized during the installation of the plumbing supply lines in The Avenue condominium project in downtown Cleveland.

Minimizing labor costs and finding time-saving installation methods are key considerations for any contractor. In an effort to maximize these objectives on a recent project, Cleveland-based Neptune Plumbing and Heating Company utilized a variety of products from nVent ERICO, including the nVent CADDY Slick Nut and the TSGB Telescopic Screw Gun Bracket. Neptune also took an already innovative product — the TSM Tubing Channel Clip — and found an even more ingenious use for it.

NEPTUNE WAS SO IMPRESSED WITH THE INNOVATIVE AND EASY-TO-USE TSM TUBING CHANNEL CLIP, THE COMPANY ADDED SEVERAL OTHER NVENT ERICO® PRODUCTS TO THEIR INVENTORY.

Neptune Plumbing and Heating Company specializes in commercial, industrial and institutional projects throughout Northeast Ohio. During the pre-planning stages for The Avenue District, a luxury condominium development project in downtown Cleveland, Neptune aggressively sought ways to minimize the rough-in labor costs for the installation of the plumbing supply lines. The \$2 million project, which comprises a 12-story building with over 50 luxury residences, utilized PEX piping for all domestic hot and cold water services. Because the plumbing supply lines utilized a manifold piping system, Gregg Forstyk, plumbing foreman for Neptune, searched for a way to "bundle" the piping that served the fixtures throughout each condominium unit.

"It was important to find a cost-effective way of installing the PEX piping," Forstyk said. The Solon, Ohio-based team with nVent CADDY suggested the TSM tubing channel clip. The TSM is part of the nVent CADDY line of hangers, fasteners and supports.

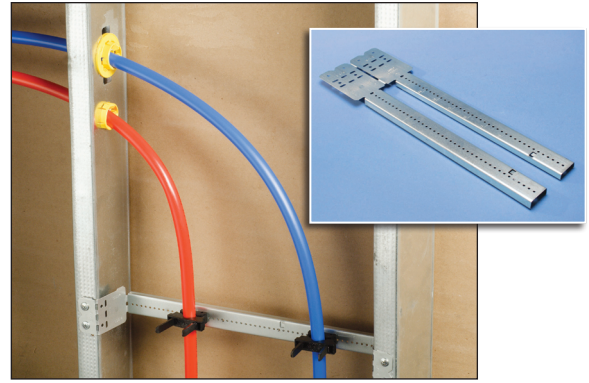
The TSM, a one-piece, non-metallic tubing channel clip, is manufactured from a composite polyamide alloy that is strong, lightweight and tested and approved to UL® 2043 standards for applications in air handling spaces. It can be used to support and locate ¼" through 2-½" piping products on vertical or horizontal mounting channels and fits any standard 1-5/8" wide strut channel. And, unlike competitive products, the TSM offers considerable time savings because it does not require the assembly of several pieces and can be installed quickly and easily without any tools.

continued



The TSM tubing channel clip, part of the nVent CADDY line of fasteners is plenum-rated and provides easy snap-in installation without the need for tools.

The Slick Nut is easy to attach to standard strut profiles with only one hand.



Hundreds of TSGB telescopic screw gun brackets were used during the rough-in stage of construction on The Avenue project. The TSGB's functional design makes mounting multiple boxes easier than ever.

"PEX piping shows that it can be bundled together, and because of ceiling heights and other considerations, we didn't think we could put in clevis hangers to hold it," said Forstyk. "So we were searching for something quick and cost-effective to use."

That search led to the TSM tubing channel clip. Instead of installing one clamp per pipe line, Forstyk formulated a unique idea – bundle four pipes into one TSM. By creating his own neatly arranged and organized pipe bundle, he saved additional material and considerable labor cost in his rough-in-application. And, Forstyk's installing plumbers also liked the versatility of the TSM and the fact that it could be easily relocated to accommodate last-minute coordination efforts on the project.

"We knew we needed a large amount of hangers for this project, and we could just twist and turn the TSM into the strut without having to use nuts, bolts and rods," added Forstyk.

Neptune was so impressed with the innovative and easy-to-use TSM tubing channel clip, the company added several other nVent CADDY products to their inventory. The Slick Nut, which provides fast, universal attachment to any standard strut profile, saved his team the frustration of working with standard spring nuts. The Slick Nut features a unique, one-piece design, which can easily be installed with one hand. An integrated plastic strip provides tension to grip the strut, and it is re-usable and adjustable.

"We had clevis hangers for all of our PVC waste and vents that were connected to the concrete insert channel. We used the Slick Nuts for anything that was hanging down from the ceiling," said Forstyk. "We used thousands on this job, and in fact, I'll use them on future projects because I don't have to deal with washers and they're easier to install."

Neptune also used hundreds of the TSGB Telescopic Screw Gun Bracket on The Avenue project. "It's one of the best time-savers I've ever used," Forstyk admitted. "I have used it before, but it worked exceptionally well on this project."

The TSGB has a unique, one-piece, break-apart design and is used to mount multiple runs of pipe between studs. It requires only a screw gun for installation and is adjustable to allow non-standard stud spacing. The TSGB also features interlocking tabs for convenient identification and bending and pilot holes to help make installation even faster. nVent CADDY also offers the TSGBHD, a heavy-duty version that is ideal for supporting items such as sinks, showerheads or cabinets.

"For this project, we were dealing with a lot of new systems in a concrete building with hard ceilings," he said. "Using PEX in a high rise of this type hasn't been done here the way we did it." Forstyk credits utilizing the nVent CADDY products throughout The Avenue condominium project for adding to the profitability and significantly reducing labor costs during the critical rough-in stage of construction.



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