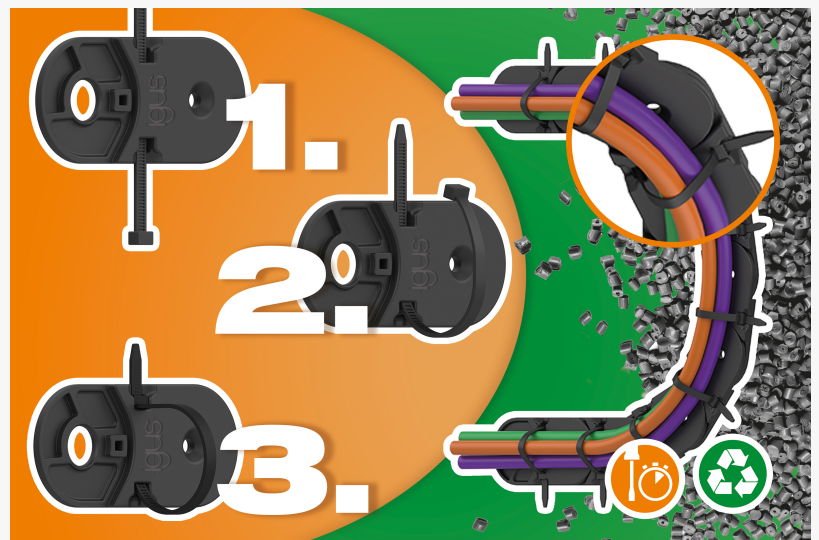


Snapchain 2.0: Small, Compact, and Cost-Effective Energy Supply System

The new igus e-chain cable carrier made entirely of recyclate can be installed in seconds and guides cables reliably

STAMFORD, CT., UNITED STATES, July 11, 2023 /EINPresswire.com/ -- igus®, the Germany-based manufacturer of motion plastics and moving cable management systems, has introduced snapchain 2.0, a specially designed system for low-stress and flat cable packages. The cable management system consists of just one side link, to which cables can be fixed with cable tie wraps. It is made entirely of recyclate, so it is a sustainable solution.

In devices such as cash registers, drawer systems, office furniture, and gaming machines, there's often limited space to ensure a reliable energy supply via cables. To solve this issue, igus developed the snapchain 20 years ago. This snapchain is a simple side link structure where cables are attached and guided at a specific bend radius. It is designed to fit into the smallest spaces and has proven effective in thousands of global applications. Recently, igus has further improved the design of the snapchain.



The snapchain 2.0 is an affordable and easy-to-install energy supply system designed for cables that don't experience heavy stress. It's also entirely constructed from recycled materials, making it an eco-friendly solution. (Source: igus)

"We would like to give our customers even more flexibility in chain harnessing. This is why we

changed the design so that the cables can now be easily fixed with standard cable ties," explains Kira Weller, Product Manager for e-chains at igus.

The cable tie wrap is simply inserted into the side link, routed around the cable package, and closed. Another unique feature of the snapchain 2.0 is that its standard version is made of the igumid® CG recycled material.

From old to new

The igumid CG material comes entirely from recycled cable carriers. As part of the [change](#) recycling program, igus has been taking back used energy chains, regardless of manufacturer, since 2019. The material is then sorted according to type, cleaned, and returned to new quality in a single process. The material then becomes igumid CG, which has been used successfully in the [E2.1 cradle-chain](#) cable carrier series since the spring of 2022.

Numerous test series in the 3,800-square-meter in-house laboratory at the igus location in Cologne have confirmed its tensile force and breaking moment. The e-chains® from recycled material make a valuable contribution to resource conservation, promoting the circular economy. According to the Environment Product Declaration, this sustainable raw material cycle reduces CO2 by 28 percent.

"The snapchain 2.0 is a cost-effective all-around package. It provides our customers with a product that is reliable, sustainable, and quick to assemble. It is the second chain series, the standard version we make from recycled material. At the end of its life, the cable carrier can be entirely recycled," says Weller.

Learn more about the snapchain 2.0 at: <https://www.igus.com/info/snapchain-2-0>

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ABOUT IGUS:

igus GmbH develops and produces motion plastics. These self-lubricating, high-performance polymers improve technology and reduce costs wherever things move. In energy supplies, highly flexible cables, plain and linear bearings, and lead screw technology made of tribo-polymers, igus is the worldwide market leader. The family-run company based in Cologne, Germany, is represented in 31 countries and employs 4,600 people across the globe. In 2022, igus generated a turnover of €1.15 billion. Research in the industry's largest test laboratories constantly yields innovations and more user security. Two hundred thirty-four thousand articles are available from stock, and service life can be calculated online. In recent years, the company has expanded by creating internal startups, for example, ball bearings, robot drives, 3D printing, the RBTX

platform for Lean Robotics, and intelligent "smart plastics" for Industry 4.0. Among the most significant environmental investments are the "change" program – recycling used e-chains and participating in an enterprise that produces oil from plastic waste.

Michael Rielly

IGUS

+1 800-521-2747

mrielly@igus.net

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