

## **Fast drive for a small price: New igus cable for SEW and Siemens motors**

**New ready-to-connect highly flexible chainflex hybrid cable for e-chains now available with 36-month guarantee**

**If the user is looking for a flexible drive cable, then igus offers the most cost-effective technical solution. For the motors of SEW and Siemens, the motion plastics specialist has now developed the CF280.UL.H, a new hybrid cable specifically for use in the energy chain. Users of intralogistics, machine tool construction or the automotive industry can now rely on a solution with a 36-month guarantee either bought by the metre or supplied as a ready-to-connect readycable.**

In order to drive motors, many engineers increasingly come face to face with hybrid cables. In these drive solutions, the energy supply and other functions run on a single cable. In this way, for example, the motor manufacturer Siemens replaces the encoder cable with a BUS element and adds this to the energy cores. This eliminates the need for cabling with a separate measuring system cable for the encoder. igus has now expanded its low-cost hybrid cable series with the CF280.UL.H, which is suitable for motors of SEW and Siemens. The new highly flexible cable is specifically designed for use in the energy chain. It is suitable for applications up to a bend radius of  $10 \times d$  across all industrial sectors from the machine tool and automotive industry up to intralogistics. Even temperatures from  $-25$  degrees up to  $+80$  degrees Celsius pose no problem for the cable. Depending on the manufacturer's specification, the new hybrid cable has a black or orange oil-resistant PUR outer jacket, is coolant-resistant and flame-retardant. A braided shield with high coverage ensures good EMC protection of the cable over a long service life. igus regularly carries out continuous tests on all cable ranges in the world's largest laboratory spread across a floor area of 2,750 square metres. In a series of tests at  $7.5 \times d$ , hybrid cables survived over 8 million cycles without damage. Another advantage of the new cable series is that it has the American UL approval, as well as the EAC and CTP certificate for the Russian market.

**Immediately delivered as a ready-to-connect readycable**

Due to customer request, igus harnesses all its cables with the appropriate connector in-house. With more than 4,200 drive cables available made in line with to 24 manufacturer standards, the customer always finds the most cost-effective cable for their application. All cables are tested after harnessing and receive a seal. By testing all chainflex cables during motion under real conditions, igus has acquired the unique position as the only manufacturer on the market to offer a 36-month guarantee on its entire range of cables.

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**ABOUT IGUS:**

igus GmbH is a globally leading manufacturer of energy chain systems and polymer plain bearings. The Cologne-based family business has offices in 35 countries and employs around 3,800 people around the world. In 2017, igus generated a turnover of 690 million euros with motion plastics, plastic components for moving applications. igus operates the largest test laboratories and factories in its sector to offer customers quick turnaround times on innovative products and solutions tailored to their needs.

The terms "igus", "Apiro", "chainflex", "CFRIP", "conprotect", "CTD", "drylin", "dry-tech", "dryspin", "easy chain", "e-chain", "e-chain-systems", "e-ketten", "e-kettensysteme", "e-skin", "flizz", "igear", "igidur", "igubal", "kineKIT", "manus", "motion plastics", "pikchain", "plastics for longer life", "readychain", "readycable", "ReBeL", "speedigus", "triflex", "roboLink", and "xiros" are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.

**Caption:**



**Picture PM6618-1**

With the new CF280.UL.H chainflex hybrid cable, users with SEW motors can now source a cost-effective drive cable for use in the e-chain. (Source: igus GmbH)