

FISH FARMING

FLEX-ECUTIVE
LEVEL DURABILITY

MEET OUR MOST DURABLE AND FLEXIBLE CABLE FAMILY: HELMACAB H-FLEX CABLES

Made with polyurethane compound sheath to withstand abrasion and the strain of movable applications, H-FLEX cables are suitable for flexible, portable and movable installation.

Our standard halogen-free H-FLEX cable range includes cable types from power and control cables to instrumentation and data cables.



WHAT MAKES HELMACAB H-FLEX PUR CABLES SO FLEX-QUISITE?

H-FLEX cables can be submersed into water and permanently installed under water, and they are resistant to UV, oil, chemicals and other fluids, which makes them perfect for use in fish farming conditions.

Our H-FLEX cables have excellent winding and unwinding strength and they are well suited for reeling and festoons, ship-to-shore and drag chain use.

For applications demanding extra strength and durability, the cable can be reinforced to withstand immense tensile loads by using aramid fibers. This reinforcement allows applications without an extra hoisting cable.

FLEX-CEPTIONAL MECHANICAL CHARACTERISTICS

High tensile strength

Good winding and unwinding strength

Resistant to UV, abrasion, chemicals, oil and other fluids

Can be submersed into water and permanently installed under water

Mud resistant according to NEK606

High flexibility without compromising on durability

Suitable for drag chain use



FLEX-ACTLY WHAT YOU NEED

In addition to standard cable types, our customers can choose a completely customized H-FLEX cable to suit their specific needs. The PUR sheath is only the beginning of the story. We can produce cables with hybrid properties including e.g. fiber optic cables, signal cables, CAT cables or pneumatic pipes - all in one cable.

HELMACAB FLEX-PERTS

Our R&D department can design a customized cable according to customer specifications or requirements. No design ready? No problem! They can help with the design as well. All you need to know is the application for the cable - Our R&D will handle the rest.

H-FLEX PWR PUR 0.6 / 1 kV



Unscreened power and control cable. For flexible, portable and movable applications. Can be submersed and permanently installed under water. Resistant to UV, abrasion, chemicals, oil, and mud (acc. to NEK606).

MECHANICAL FLEX TEST	EN 50396, cond. acc. to EN 50525
OIL RESISTANT	EN 60811-404, cond. acc. to EN 50363-10-2
MARINE TYPE APPROVALS	ABS, BV, and DNV

H-FLEX PWR C-PUR 0.6 / 1 kV



Screened power and control cable. For flexible, portable and movable applications. Can be submersed and permanently installed under water. Resistant to UV, abrasion, chemicals, oil, and mud (acc. to NEK606).

MECHANICAL FLEX TEST	EN 50396, cond. acc. to EN 50525
OIL RESISTANT	EN 60811-404, cond. acc. to EN 50363-10-2
MARINE TYPE APPROVALS	ABS, BV, and DNV

H-FLEX CTL PUR 150/250 V (300 V)



Unscreened control cable. For flexible, portable and movable applications. Can be submersed and permanently installed under water. Resistant to UV, abrasion, chemicals, oil, and mud (acc. to NEK606).

MECHANICAL FLEX TEST	EN 50396, cond. acc. to EN 50525
OIL RESISTANT	EN 60811-404, cond. acc. to EN 50363-10-2
MARINE TYPE APPROVALS	ABS, BV, and DNV

H-FLEX CTL C-PUR 150/250 V (300 V)



Screened control cable. For flexible, portable and movable applications. Can be submersed and permanently installed under water. Resistant to UV, abrasion, chemicals, oil, and mud (acc. to NEK606).

MECHANICAL FLEX TEST	EN 50396, cond. acc. to EN 50525
OIL RESISTANT	EN 60811-404, cond. acc. to EN 50363-10-2
MARINE TYPE APPROVALS	ABS, BV, and DNV

H-FLEX INS PUR 150/250 V (300 V)



Unscreened instrumentation and control cable. For flexible, portable and movable applications. Can be submersed and permanently installed under water. Resistant to UV, abrasion, chemicals, oil, and mud (acc. to NEK606).

MECHANICAL FLEX TEST	EN 50396, cond. acc. to EN 50525
OIL RESISTANT	EN 60811-404, cond. acc. to EN 50363-10-2
MARINE TYPE APPROVALS	ABS, BV, and DNV

H-FLEX INS C-PUR 150/250 V (300 V)



Screened instrumentation and control cable. For flexible, portable and movable applications. Can be submersed and permanently installed under water. Resistant to UV, abrasion, chemicals, oil, and mud (acc. to NEK606).

MECHANICAL FLEX TEST	EN 50396, cond. acc. to EN 50525
OIL RESISTANT	EN 60811-404, cond. acc. to EN 50363-10-2
MARINE TYPE APPROVALS	ABS, BV, and DNV

LOOKING FOR THAT SOMETHING SPECIAL?



H-FLEX PWR PUR AFR 0.6/1 kV

Halogen-Free, flame-retardant, highly flexible aramid fiber reinforced power cable.

Good mechanical characteristics, high tensile strength, resistant to abrasion, chemicals, oil and other fluids. Can be submersed and permanently installed under water.

Aramid fiber reinforcement allows applications without an extra hoisting cable. Cable structure fully customizable according to customer specifications.



H-FLEX ASI BUS PUR

Halogen-Free, flame-retardant, field instrumentation cable for fixed and flexible installations. Designed to withstand marine, offshore and industrial use.

Actuator Sensor Interface (ASI) system two-core cables provide common data and power transition using a single master system. Within the ASI-modules the conductor is contacted by piercing technology without cutting it, and the special grooved and angled flat sheath shape ensures that installation and connection errors are minimized.

ASK OUR SALES TEAM FOR MORE INFORMATION!

DID YOU KNOW?

Helmacab specializes in the development and production of marine and telecom cables with experience in this field going back over fifty years. The name Helmacab stands for quality, flexibility and outstanding personal service.

We ship yearly to over 60 countries, to more than 1000 active customers. Our short delivery times backed up by extensive stocks enable us to deliver punctually, giving our clients better project schedule control.

We are flexible, and it's not just a slogan made up by a clever marketing team. It is who we truly are, what we do and what we are the best in the field at!



Marine Cables



H-FLEX Cables

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