



# Anaerobic Digester Nets

Containment reinforcement for Anaerobic Digesters



Digester Nets from InCord provide containment reinforcement for anaerobic digesters, which convert agricultural waste into biogas, a renewable energy.

A soft-roof digester tank is covered by a membrane that stretches to accommodate the mounting gas in the containment area. InCord Digester Nets install over top of the membrane or inside the tank. Working both above and below the membrane, InCord nets provide a multitude of benefits for your digester system.

## ***Longer membrane life***

During normal use, the membrane stretches and contracts, creating stress which over time can cause permanent deformation or failure of the membrane, requiring complete replacement. The positive external pressure from the Digester Net limits the stretch of the membrane, reducing stress and increasing its useful life.

## ***Increased digester capacity***

An InCord Digester Net can provide constant, external pressure across the circumference of your digester's membrane as it inflates, increasing the capacity of your system by enabling a higher pressure of gas within.



## ***Internal membrane support***

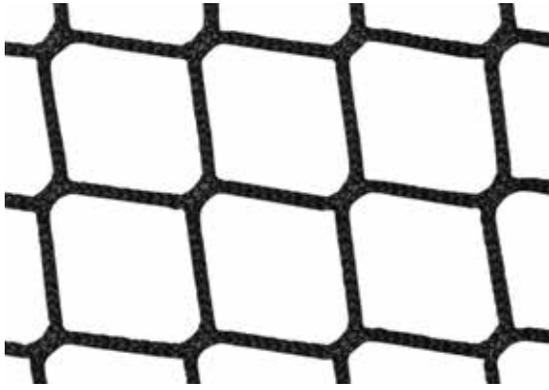
When digester pressure is low, the membrane can deflate and make contact with wastewater below. Installing a Digester Net between the membrane and wastewater can support the membrane, keeping it clean and dry.

The netting solution for flexible membrane-roof digesters

- Helps improve membrane life
- Increases the capacity of your system tank
- Promotes good bacteria growth
- Custom-built to your system
- Helps promote a positive environmental impact



## The industry-leading custom biogas containment solution.



N820H Knotless Netting 2-1/2 inch mesh



### **HTPP Knotless Netting**

InCord Digester Nets are constructed using High Tenacity Polypropylene knotless netting. The knotless design of the net allows it to lay flat against the membrane surface, without hard nodes that can dig in and potentially damage a membrane.

HTPP fiber is resistant to water and chemical exposure and is treated with UV inhibitors to extend the life of the netting in outdoor environments.



### **Netting helps grow beneficial bacteria**

The netting fibers within an internally installed Digester Net create an ideal breeding ground for bacteria, providing additional assistance to the efficient operation of your digester system.

### **Custom-built for reliable performance**

We custom produce every net to the specific dimensions of your digester tank. This ensures even pressure is applied to the membrane, enhancing the effectiveness and longevity of the system.

Need a replacement? We'll keep your order on file so we can start work on your replacement right away.

### **An environmental hero**

The extended lifespan of your membrane cover from utilizing an InCord Digester Net can result in less non-biodegradable waste from discarded covers. Fewer membrane replacements over the years also means less down time, capturing more gas that would otherwise be lost into the atmosphere.

InCord can construct a custom Digester Net, made right in the USA, to accommodate your anaerobic digester. Get in touch with our associates to learn how our custom Digester Net can dynamically fortify your Biogas investment.

**Notice** - Digester Nets from InCord carry a limited warranty, dependent upon proper usage and installation. An InCord Sales Manager can discuss these details with you.



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