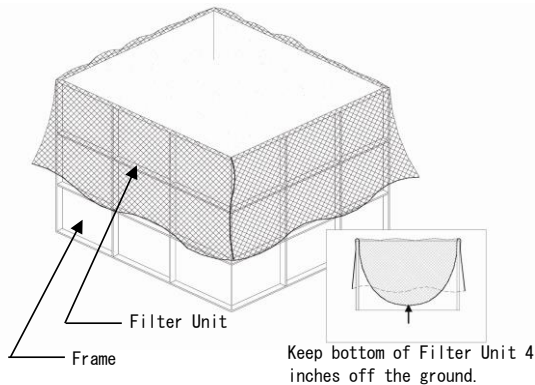


Filter Unit Filling Procedure

① Remove Filter Unit from Packing and Lay it in the Production Frame

<https://www.youtube.com/watch?v=u8eyMiNgb98&list=PL-dZHqK-rTZnMRJWWBvc4iHcEmU54D-AJ&index=2&t=0s>



a) Before loading Filter Unit:

- *Caution: make sure there are no projections, holes or scratches around the rim or inside the Production Frame. These may snag and tear the Filter Unit.*

b) When loading the Filter Unit:

- The bottom of the net (inside the Frame) should be maintained around 4 inches off the ground.

- Drape as much of the net out of the Frame as possible, so that net inside Frame does not have excessive slack.

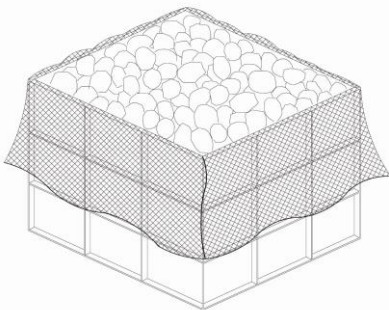
c) When Filling the Filter Unit

- *Caution: as material enters the Filter Unit, it will pull the net down. Make sure the net is not caught on Frame corners or projections.*

- Adjust the Filter Unit after each fill to ease tension on the net.

② Fill Filter Unit to the Top of the Production Frame

<https://www.youtube.com/watch?v=Av5CLDILqxs&list=PL-dZHqK-rTZnMRJWWBvc4iHcEmU54D-AJ&index=2>

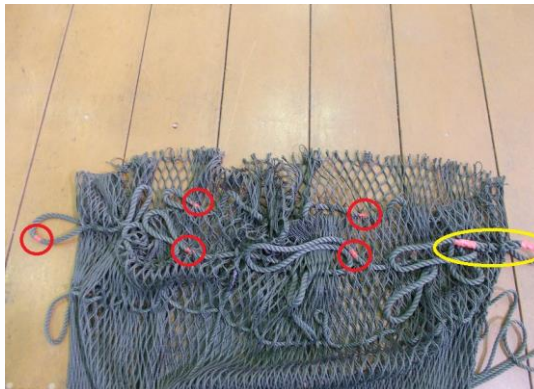
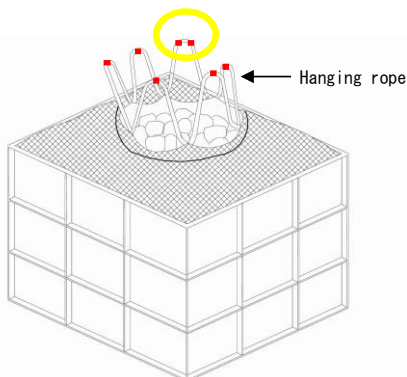


This ensures that the appropriate amount of fill material is used.

Caution: Over-filling the Filter Unit may result in tearing of the net.

③ Gather and Extend the 6 Hanging Points of the Filter Unit Hanging Rope

<https://www.youtube.com/watch?v=nAM33tcpqgU&list=PL-dZHqK-rTZnMRJWWBvc4iHcEmU54D-AJ&index=4>



Hanging points are indicated by 7 sections of red tape and 6 linen strings.

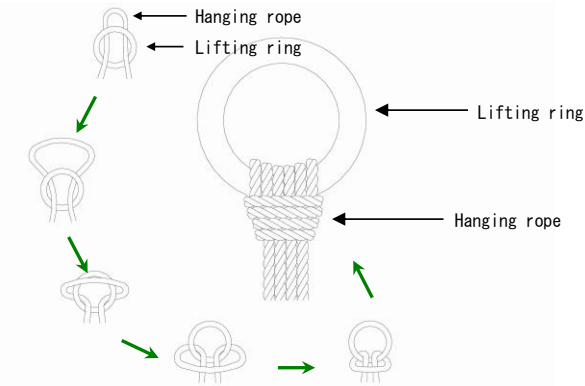
In the yellow area, there are 2 red taped sections. This is the rope joint and is considered one hanging point.

Filter Unit Filling Procedure

④ Attach the Lifting Ring to the Hanging Rope (as shown in the figure below)

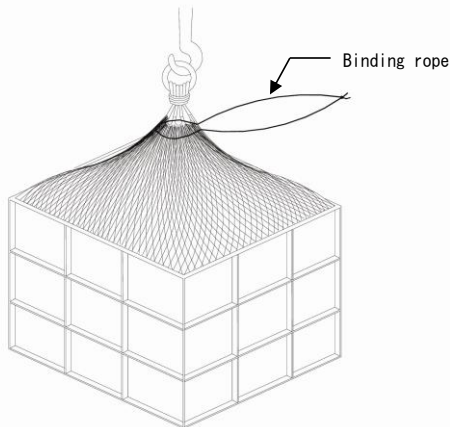
* hanging rope is gathered at 6 hanging points.

<https://www.youtube.com/watch?v=0RO7sxNCHZY&list=PL-dZHqK-rTZnMRJWWBvc4iHcEmU54D-AJ&index=5>



⑤ Preparing Filter Unit for Closure

<https://www.youtube.com/watch?v=afdFb4e3u5Q&list=PL-dZHqK-rTZnMRJWWBvc4iHcEmU54D-AJ&index=7&t=0s>



a) Connect lifting ring to hook and lift hook by crane until hanging rope pulls together and becomes taut.

Caution: do not lift the ring too high; this may result in excessive tension and break the net.

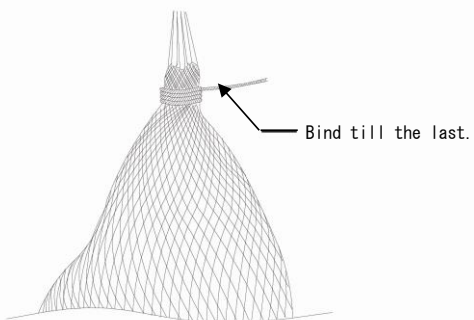
b) Now, lower the hook a little to ease tension.

c) Locate the Binding Rope (diameter: 6mm or 1/4 inch)

d) Tie off the mouth of the Filter Unit using the Binding Rope. (One loop of binding rope is recommended at this stage).

⑥ Closing Filter Unit

<https://www.youtube.com/watch?v=DTYK5TEwMz8&list=PL-dZHqK-rTZnMRJWWBvc4iHcEmU54D-AJ&index=8&t=25s>



a) Lower the hook slightly to ease tension on Filter Unit.

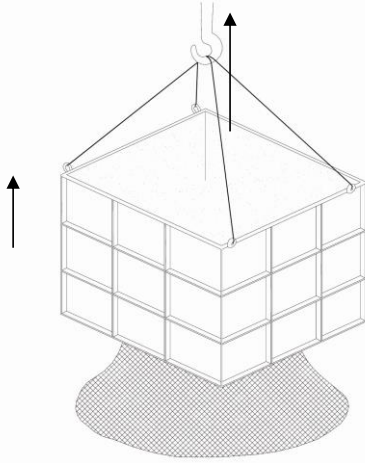
b) Securely tie off the mouth of the Filter Unit by applying multiple loops until Binding Rope is used up.

Caution: make sure this step is done with ring at LOWER height than step 5 above. Otherwise, the binding may come loose after the Production Frame is lifted off the Filter Unit at step 7 below.

Filter Unit Filling Procedure

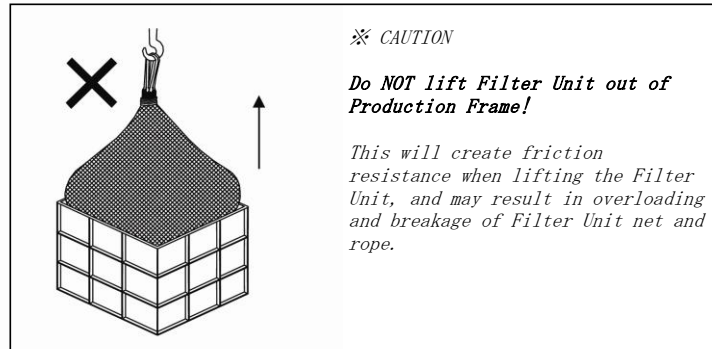
⑦ Lift Production Frame off Filter Unit.

<https://www.youtube.com/watch?v=aGTxp7buGhc&list=PL-dZHqK-rTZnMRJWWBvc4iHcEmU54D-AJ&index=8>



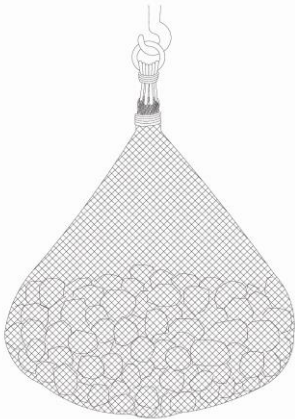
a) Attach rigging to lifting points of Production Frame.

b) Slowly lift Production Frame off Filter Unit.



⑧ Lift Filter Unit to Project Site or Storage Yard

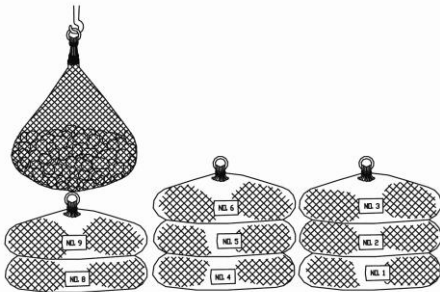
<https://www.youtube.com/watch?v=H1N3GGv6gl8&list=PL-dZHqK-rTZnMRJWWBvc4iHcEmU54D-AJ&index=10&t=0s>



Attach hook to lifting ring and lift by crane.

Caution: do not drag Filter Unit along ground when moving. It will break.

⑨ Managing Filter Unit Stock (optional)



We recommend numbering filled Filter Units sequentially as they are placed into stock.

To do this, attach the numbering sheets (provided) using attachment wire, and write in the number.

We recommend removing Filter Units from stock in reverse order (last in, first out).

Avoid stacking Filter Units more than 3-high (to reduce risk of collapse).