

# FRUIT JUICE FILTRATION

## CROSS FLOW MEMBRANE FILTRATION

Ultrafiltration tubular modules: Due to the large free cross flow -sections, they are ideally suited for the filtration of liquids with high solids contents.

The pore sizes are individually tailored to the separation task: solids, colloids and microorganisms are retained (100; 200 kDa).

The valuable substances of the juice, its colours and aromas remain unchanged in the filtrate.

Advantages:

- High solids contents possible
- No filter aids required
- High filtrate performance
- Gentle juice clarification
- Easy rinsing / cleaning



Cloudy juice

Clear Juice



## REVERSE OSMOSIS FOR CONCENTRATION OF FRUIT JUICE:

Through reverse osmosis, water (permeate) can be extracted and the sugar content can be increased again and at the same time the structure can be concentrated.



Advantages:

- Easy to handle
- High performance
- Preservation of the quality of the fruit juice
- Gentle treatment
- System completely made of stainless steel
- Small compact size



**GreenTech**  
Umwelttechnik

### Kontakt

8595 Altnau  
Switzerland  
+41 78 21 94 199  
info@greentech-ut.ch  
www.greentech-ut.ch

