



Complete Filtration Resources, Inc.

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PRODUCT RECOVERY-PEEL SOLUTIONS



CAUSTIC PEEL SOLUTIONS

Caustic peel solutions are used in many processing industries.

- Tomato peeling
- Potato peeling
- Other vegetable products
- Fruit peeling

Caustic peel solutions have high 10-25% concentrations of sodium hydroxide, high temperatures and high BOD's; subsequently they are difficult and costly to dispose of.

Membrane filtration permits the processor to

- Regenerate and reuse caustic peel solutions.
- Use less caustic and decrease acid neutralization costs
- Lower treatment costs due to lowered volumes to treat
- Save on energy since regeneration takes place at use temperatures

Membrane filtration also permits

- Extraction of valuable by products from peel solutions

CFR can design, fabricate, and install your membrane filtration process. CFR also provides controls, programming, full start up assistance, and training. You can rely on CFR to stand behind every system that we put in. Even more, you can rely on CFR to provide full after-start up service and support if problems occur or if system modification or expansion is desired..

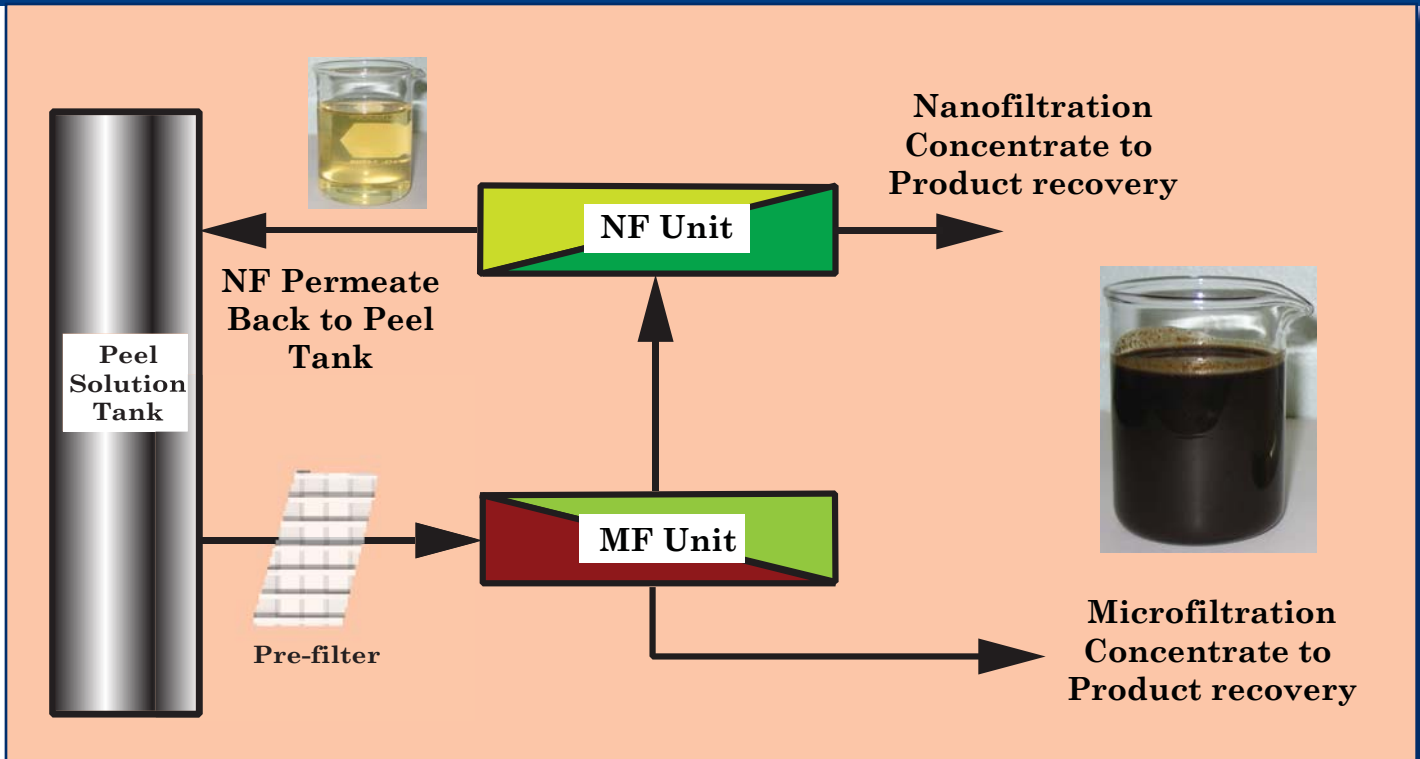


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PRODUCT RECOVERY-PEEL SOLUTIONS



PRODUCT RECOVERY FROM PEEL SOLUTION

Membrane processing of peel solutions results in a clarified caustic solution which can be sent back to the peel solution tank. The membrane concentrate streams can be used as sources for product recovery.

The recovered concentrates are sources for

- ✓ Lycopene
- ✓ Antioxidants and vitamins
- ✓ Oils with high unsaturated fat contents

The recovered products may be used in

- ✓ Ketchups
- ✓ Pasta sauces and other tomato based sauces
- ✓ As bases for canned products such as soups and stews
- ✓ Tomato based dips and salsa's

CUSTOM PROCESSES

CFR has the ability to design custom processes which provide the solutions that are best.

Solutions must be tailored to the application and not simply used to provide an additional process step. Let CFR tailor a process for you. Our expertise is based on successful process solutions which meet customer needs.

Contact CFR today and let us put our knowledge to work for you.