



**Category:** Industrial waste treatment  
**Sub Category:** AMD treatment, Mine Raffinate treatment, Mining Wastewater / Tailing Treatment, Agro-chemical

[www.bpt.co.il](http://www.bpt.co.il)

## Company profile

**Date of establishment:** 2000

**No. of employees:** 40

## Background on the company

BPT was established for a sole purpose of bringing to the industrial and wastewater treatment markets revolutionary membranes and solutions, unavailable until now, enabling to open new application arenas and changing and expanding the membrane filters business as it is known today. BPT is a market driven company that provides unique and beneficial and cost effective solutions to various market segment based on its proprietary membrane technology.

The in-depth expertise and vast technological know-how makes BPT a unique membrane excellence center, which allows BPT to continuously expand and increase its offering to its customers.

Currently the company is focused on serving limited number of industries (Agro-Chemical, Mining and Food waste water treatment) however, it is expanding its horizons to additional market segments.

## Examples of past projects

- Wastewater treatment in landfills
- Wastewater treatment of yeast production industry
- Agro-Chemical manufacturing and formulation plants

The above examples of projects required to have unique BPT's solutions and its chemically stable membranes, capable to operate in hazardous environments (i.e. high acidic, basic as well as solvent containing streams), high flux and high temperature. BPT continuously expanding the range of its chemically stable membranes enables BPT to penetrate and capture additional attractive business segments.

Our unique and IP protected technologies allows to build more economical and better ROI plants for new processes as well as better purification and recovery of valuable chemicals, and of raw materials in environments where membrane technology could not operate to date.

## Technology & product(s)

### General description:

BPT has growing product line of advanced chemically-stable Ultra and Nano-filtration. Our membranes and the Hybrid Membrane Technology (HMT) systems helps our customers to recover valuable raw materials and purify aggressive industrial wastewater streams and to meet the tightening regulations of wastewater discharge and recycling. Our membranes are fully functional at any pH scale without sacrificing high flux rates, and selectivities required.

### Function of the product(s):

HMT and Nano-Pro have the following advantages:

- Converts hazardous wastewater streams into purified, recyclable water, acids and recovered valuable raw materials and chemicals
- Purifies and concentrates minerals for reclamation
- Handles all types of industrial wastewater
- Achieves lower total cost of ownership (TCO) than alternatives
- Features simple installation and full automation

## Objectives / Target companies

- Mining Companies
- General Trading firms with active mining and agro-chemicals operations
- Systems Integrators
- Membrane OEM and Distributors
- Food & Beverage, dairy and pharmaceutical industries