

# High Temperature (HT) Series

Jonell Systems High Temperature (HT) Filter Cartridges are the ideal solution for refineries to filter contaminants in a wide range of micron ratings and elevated temperatures.

The refining industry is moving towards finer filtration to

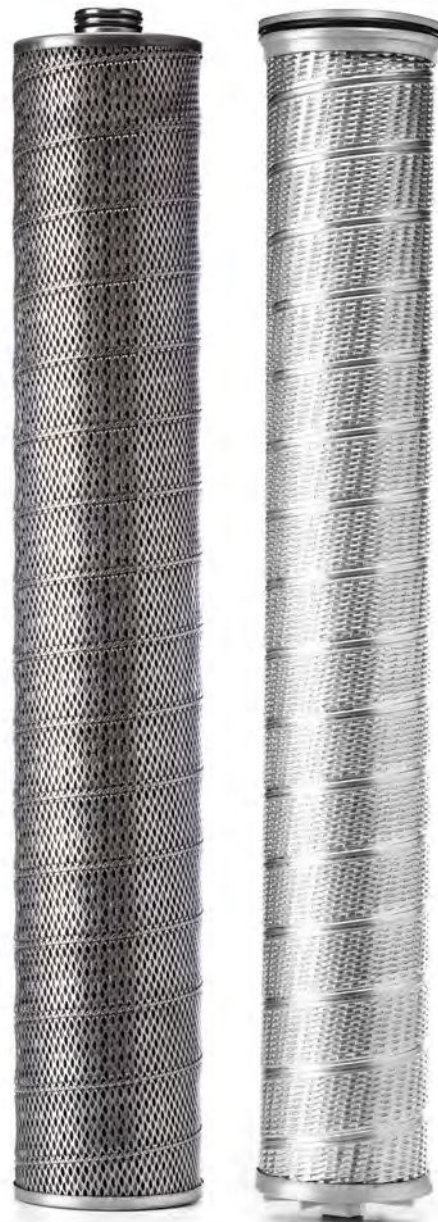
- Protect equipment,
- Reduce costly maintenance, such as the replacement of catalysts, and
- Help achieve new environmental regulations and
- Mitigate maintenance issues by removing issues caused by solid and semi-solid contaminants.

The Jonell Systems High Temperature (HT) series has been designed to handle applications with a maximum continuous operating temperature up to 500 °F (260 °C) to effectively filter out contaminants down to 0.5 microns for liquid applications. Therefore, these cartridges can also be used to upgrade other filter technologies such as string-wound and strainer systems.


Filter cartridges help mitigate issues with decreased performance over time, as well as cleaning issues related to other technologies such as pleated metal filters or backwashable systems.

## Features and benefits

- The HT cartridges maintain filtration efficiency while eliminating complex cleaning processes that may require the use of harsh chemicals to clean.
- Rated for operating temperature of 500 °F (260 °C) this cartridge provides refineries with an effective and efficient alternative to older technologies, such as string-wound cartridges which may not be suitable at lower micron ratings.
- Available in a wide range of cartridge sizes from small diameter (2.5" OD) to large diameter (6+" OD) for new applications and vessels or to retrofit in existing vessels.
- Used as pre-filters to backwashable filters systems, these cartridges may extend run times between cleaning-cycles leading to reduced downtime and maintenance costs.



## Specifications

Products	Criteria	LiquidPleat™
	Application	Feed for CDU, Hydrocracking, Hydrotreating, Catalyst Protection, CAT Cracker, CAT Reforming, Vis Breaking, Delayed Coking, High Temperature Solvents, and other refinery systems
	Operating Temperatures	500 °F
	Nominal OD	2.5" to over 6"
	Nominal Lengths	Up to 60" continuous length cartridge
	Hardware	End Caps: Carbon Steel or Stainless Steel Core and Outerwrap: Carbon Steel or Stainless Steel Standard: Viton Options: Teflon and Klinger
	Standard Media Options	Microfiberglass
	Typical End Cap Configurations	JHF, 3862, 6055/4055, JXC (pleated bag)
	Flow Direction	Outside to In or Inside to Out
	Micron rating	0.5 to 100 *Other micron ratings are available upon request

## About us

Jonell Systems, a Filtration Group brand, partners with oil, gas and energy companies worldwide to address end to end filtration challenges to improve process safety, reliability, productivity and ultimately profitability. With a wide range of vessels and cartridges with multiple media options, we have solutions to make the world safer, healthier and more productive.