

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

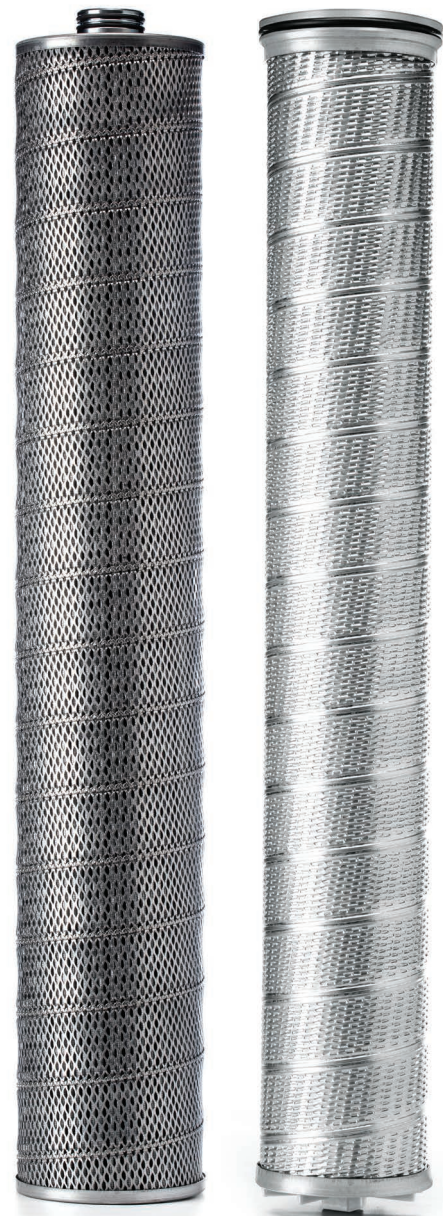
- Protect equipment,
- Reduce costly maintenance, such as the replacement of catalysts, and
- Help achieve new environmental regulations and
- Mitigate maintenance issues by removing issues caused by solid and semi-solid contaminants.

The Jonell Systems High Temperature (HT) series has been designed to handle applications with a maximum continuous operating temperature of 425°F (218°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.

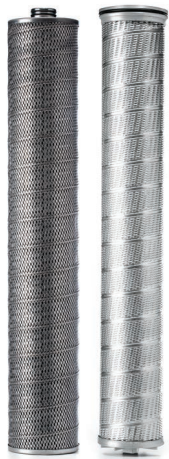
Filter cartridges help mitigate issues with decreased performance over time, as well as cleaning issues related to other technologies such as pleated metal filters or backwashable systems.

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 425°F (218°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	LiquiPleat™
	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	425°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 70 *Other micron ratings are available upon request

About us

Jonell Systems, a Process Technologies 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, contact us to discuss your filtration challenges.

A part of Filtration Group, our mission is to make the world safer, healthier and more productive.

ADDRESS

900 Industrial Pkwy
P.O. Box 1092
Breckenridge Texas 76424 USA

CONTACT

P: +1 844 GO FILTR
E: jonellsalesinfo@filtrationgroup.com
W: <https://processtechnologies.filtrationgroup.com/en-US>