

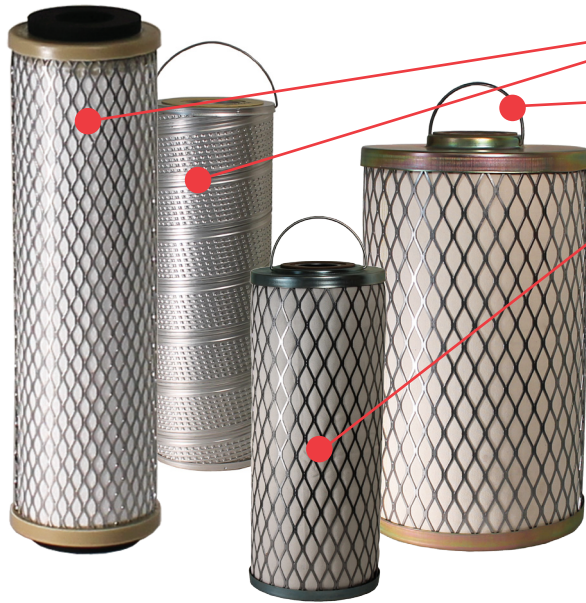
HILCO® HT Series Hilite Filter Cartridges



HILCO
A Division of THE HILLIARD CORPORATION

Neutralize, Stabilize, Decolorize, Deodorize
Refined fuller's earth for acid reduction

Hilco® Green Label Hilite, introduced in 1947, is a calcined low volatility (LVM) or low-moisture content attapulgas clay fuller's earth. Chemically, it is a hydrated granular magnesium-aluminum silicate. It is so highly porous that one pound of Hilite will have approximately 13 acres of absorbant surface area. It excels in neutralizing traces of strong organic acids. It removes high molecular weight sulfonates, resins, and asphaltines. It also removes trace metals.



Ambient - perforated steel or expanded metal ambient provides added strength

Lifting handle - for convenience in handling

Polyester media retainer - under the ambient for superior chemical resistance and media retention



Hilite filter media - the standard of excellence for fuller's earth media

FEATURES & BENEFITS

- Neutralizes Acids
- Absorbs Polar Contaminants
- Water-Resistant
- Decolorizes and Deodorizes
- Economical to Use

WHERE IT IS USED

- Reclaiming Solvents
- Mineral Oils
- Distillates
- Insulating Oils
- Heat Treat Oil
- Heat Transfer Fluids
- Electro-Hydraulic Control (EHC) Fluid
- Petrolatums
- Vegetable Oils
- Fats and Waxes

SPECIFICATIONS

- Available in four standard sizes:
 - 3" x 10" (310)
 - 5" x 11" (511)
 - 7" x 18" (718)
 - 11" x 19" (119)(nominal O.D. by length)
- Maximum operating temperature to 250° F; 600° F available on special order.

WHAT IT DOES

Fuller's earth's high absorption capacity for polar materials makes it the perfect choice for:

- neutralizing acids
- stabilizing
- decolorizing
- clarifying
- deodorizing

CARTRIDGE SPECIFICATIONS

Cartridge (Data Sheet)	Dimensions (inches nominal)			Housing Nominal Centerpost	Case Quantity	Shipping Weight Per Case	Gram-Moles Acid Capacity Per Cartridge
	OD	Length	ID				
HT310-00-C	3"	10"	1"	.75"	4	4 lbs.	.06
HT511-00-C	5"	11"	1.75"	1.25"	4	18 lbs.	.31
HT718-00-CRN	7"	18"	2.15"	1.5"	4	48 lbs.	.44
HT718-00-CN	7"	18"	2.56"	2"	4	48 lbs.	.44
HT119-00-03ZXC0	11"	19"	2.09"	1.5"	1	45 lbs.	1.76

SYSTEM SIZING

**Dosage for maintenance level, .2 lb.
per gallon of system volume**

HT310-00-C

System Gallons	No. Cartridge HT310	GPM per HT310
5	1	.1
10	2	.1
20	4	.1

HT511-00-C

System Gallons	No. Cartridge HT511	GPM per HT511
5	1	.2
10	1	.2
20	1	.2

HT718-00-CN/CRN

System Gallons	No. Cartridge HT718	GPM per HT718
100	3	.5
500	14	.5
1000	29	.5
2000	57	.5

HT119-00-03ZXC0

System Gallons	No. Cartridge HT119	GPM per HT119
100	1	.5
500	3	.5
1000	6	.5
2000	11	.5

**Dosage for remedial level (high TAN),
.5 lb. per gallon of system volume**

HT310-00-C

System Gallons	No. Cartridge HT310	GPM per HT310
5	3	.1
10	5	.1
20	10	.1

HT511-00-C

System Gallons	No. Cartridge HT511	GPM per HT511
5	1	.2
10	1	.2
20	3	.2

HT718-00-CN/CRN

System Gallons	No. Cartridge HT718	GPM per HT718
100	7	.5
500	36	.5
1000	71	.5
2000	143	.5

HT119-00-03ZXC0

System Gallons	No. Cartridge HT119	GPM per HT119
100	1	.5
500	7	.5
1000	14	.5
2000	28	.5



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