

BEST PRACTICES

KNOW WHAT MAKES THE GREASE GUARD THE BEST



We here at Grease Guard know there are many options both professional and home made for containing rooftop substances. However, there are reasons the Grease Guard product has been the most effective for over 30 years.

THE ADVANCED FILTER COMPOSITE® (AFC)

The Grease Guard filter media is comprised of multiple layers all designed to add functionality to the containment system. The Advanced Filter Composite® or AFC is the main part of the filter system that actually absorbs the substances. This patented technology is tested and approved by Underwriters Laboratories to not only contain non water soluble substances, but additionally provide weather and fire resistance. There is no other filter media on the market that is as effective as our AFC!

WATER & WEATHER RESISTANCE

For practical purposes everything from a napkin to a bucket can be considered a containment system. If you put it on the roof in large enough quantities it would make sense it would then become a rooftop containment system. However, what is not as easily defined is the question of what to do with the rain water, UV A&B radiation, high winds, etc. The Grease Guard product has been designed to consider every single one of these issues individually. Our filters are low to ground, hydrophobic, and have layers that are created to protect against the damaging effects of the sun.

FIRE RESISTANCE

Most fats, oils, greases, and chemicals are either directly flammable or combustible when reaching their respective flash points (at certain temperatures). If your containment solution does not address the fact that it is essentially a fuel tank, you could be creating additional hazards on your rooftop. The Grease Guard solves this problem using two different solutions. First our very bottom layer, or the layer closest to the fire source, is fire retardant up to 1000° + ! It is called our fire shield and is included with every unit we sell. Second, our filters are coated in a fire retardant chemical designed to allow the filter media to be self-extinguishing. That is to say that it will actually help put out a fire even when it is saturated!

AIR & WATER FLOW

Another quality of containment systems rarely considered is the systems ability to breathe and allow safe passage of both air and water. If the system itself does not have these qualities it could have adverse effects on the roofing system including ponding, blockages, flex interference, and uneven weight distribution. The Grease Guard has made sure to use open celled fabrics allowing both air and water to pass through effectively without inhibiting the systems ability to absorb.

GREASE DEFLECTION & REDIRECTION

Finally, in our list of best practices, we have substance deflection & redirection. Over time grease, like water, will flow to every path available to it. As gaskets, seams, and other openings are exploited and created on your exhaust or ventilation equipment the grease production will fluctuate in volume and location. Containment systems must be adaptable to these changes. The Grease Guard accomplishes this by offering 360° of protection in addition to flashing that redirects grease into our filter system. Our filters then also include a layer to help wick the substance evenly across the filter system thus increasing effectiveness.

Question not answered?
Give us a call or visit us!



1-800-913-7034

www.rooftopsolutions.com