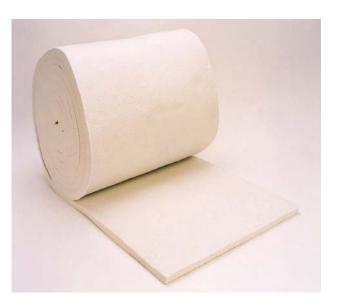
## **ETS Schaefer Corporation**

## K-Lite<sup>™</sup> HTZ Ceramic Fiber Blanket

K-Lite HTZ blankets are made from high purity calcines of alumina, silica and zirconia. The resulting zirconia-stabilized (AZS) product is composed of high strength, low shrinkage fibers needled into a tight blanket with superior handling properties. These blankets have relatively low shot (unfiberized material) content and superior thermal conductivity ("K") values, and high tensile strength. K-Lite HTZ is suitable for use in reducing atmosperes. These fibers exhibit excellent resistance to attack from corrosive agents, except hydrofluoric acid, phosphoric acid, and strong alkalies. K-Lite HTZ is highly flexible and easily cut, fabricated, and installed.



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Typical Properties		Typical Chemical Composition	
Fiber Length Fiber Diameter Specific Gravity Specific Heat (@2000°F) Melting Point	4-7 inches 3.5 microns (average) 2.73 g/cc .27 BTU/lb°F 3200°F	$AL_2O_3$ SiO_2 ZRO_2 Other Leachable Chlorides	29-31% 53-55% 15-17% trace <10ppm
<i>Shrinkage</i> @ 2200° F soak @ 2400° F soak @ 2600° F soak	2.0% 2.3% 3.0%	Recommended Operating Temperature 2450°F Maximum Use Limit 2600°F	