



Flextech Engineering Inc.
www.flextechseals.com

Product Description

S-18v is a silica cloth with vermiculite coating for use in applications where temperatures reach up to 2000 °F.



S-18V Data Sheet

Silica textile

Physical Characteristics

<u>Weave Construction</u>	<u>8HS</u>
<u>Yarn Count</u>	<u>48/33 (W&F)</u>
<u>Weight</u>	<u>18.7 (oz/yd²)</u>
<u>Thickness</u>	<u>0.029"</u>
<u>Roll Length</u>	<u>50 yd</u>

Performance Characteristics

<u>Break Strength (warp)</u>	<u>308 lbs/in</u>
<u>Break Strength (fill)</u>	<u>242 lbs/in</u>
<u>Tear Strength (warp)</u>	<u>N.A.</u>
<u>Tear Strength (fill)</u>	<u>N.A.</u>

Silica S-18V Textile, manufactured by OmniSil, can withstand molten metal temperatures and protect personnel and equipment at continuous temperatures up to 1800 °F. With Vermiculite coating, the textile has increased abrasion resistance and reduced porosity. Applications include tube seals, expansion joints, furnace curtains, insulation mats and welding drop cloths.