

## SELECTION & SPECIFICATION DATA

<b>Type</b>	Butyl Rubber Joint Wrap
<b>Description</b>	Blackhawk Hawk-Wrap is a high-tack butyl rubber compound laminated with a tough HDPE backing for added puncture and tear resistance. It comes in roll form and is unrolled over concrete joints externally and functions as a seal against infiltration and exfiltration. Composed of no asphalt, Blackhawk Hawk-Wrap provides a special high tack feature only found in butyl.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Asphalt-free</li> <li>• No special tools needed</li> <li>• Designed for flexibility in temperature extremes</li> <li>• Excellent chemical resistance</li> <li>• Tolerates joint deflection</li> <li>• Plastic film backing to resist punctures and tears</li> <li>• Meets ASTM C877 Type III, Type A</li> </ul>
<b>Uses</b>	Blackhawk Hawk-Wrap can be used in the following external joint applications including new and rehabilitation jobs: <ul style="list-style-type: none"> <li>• Manhole joints</li> <li>• Septic tank joints</li> <li>• Pipe joints (both elliptical and round)</li> <li>• Box culverts</li> <li>• Arches</li> <li>• Burial vaults</li> <li>• Grade ring joints</li> <li>• Concrete bridge spans</li> <li>• Vacuum test leaks</li> </ul>
<b>Color</b>	Black
<b>Primer</b>	No primer needed in most applications. In situations where priming may be needed such as applications to wet concrete and/or low temperatures, contact ErgonArmor.

## SUBSTRATES & SURFACE PREPARATION

<b>All</b>	Surface must be free from all release agents, dirt, dust and debris to ensure that the sealant is properly bonding with the concrete.
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## SAFETY

<b>Cleanup</b>	Mineral spirits or similar solvent
<b>Safety</b>	Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and safety data sheets before using.



## PACKAGING & HANDLING

<b>ITEM #</b>	<b>PACKAGING</b>
K-5830-HKW-001	Roll - 6 in x 33 ft
K-5831-HKW-001	Roll - 9 in x 33 ft
K-5832-HKW-001	Roll - 12 in x 33 ft

<b>Storage &amp; Shelf Life</b>	Estimated shelf life is 2 years from date of manufacture. Actual shelf life may vary with storage conditions. Store at or below 80°F (27°C) for optimal performance. Store indoors. Always inspect the product prior to use.
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## SIZING CHART

<b>SIZE</b>	<b>QUANTITY PER BOX</b>	<b>QUANTITY PER PALLET</b>	<b>ITEM NUMBER</b>
6 in x 33 ft	4	20 boxes	5830-HKW-001
9 in x 33 ft	4	20 boxes	5831-HKW-001
12 in x 33 ft	2	20 boxes	5832-HKW-001

## SPECIFICATIONS

Meets or exceeds ASTM C-990-09, AASHTO M-198, and Federal Specification SS-S-210A.

REQUIRED TESTS	SPECIFICATION REQUIREMENT	RESULTS
Butyl rubber (hydrocarbon blends) ASTM D297	50% minimum	51.4%
Ash-inert mineral matter AASHTO T111	30% minimum	35.1%
Volatile matter ASTM D6 AASHTO T47	3% maximum	<2.0%
Specific gravity at 77°F (25°C) ASTM D71 AASHTO T229	1.15 minimum, 1.40 maximum	1.35
Ductility at 77°F (25°C) ASTM D113 AASHTO T51	5.0 minimum	8 cm
Flash point, C.O.C. ASTM D92	350°F minimum	>500°F
Fire point, C.O.C. ASTM D92	375°F minimum	>500°F
Compression test at 77°F (25°C) and 32°F (0°C) ASTM C972	100 maximum 200 maximum	82 lbf/in <sup>2</sup> 149 lbf/in <sup>2</sup>
Cone penetration at 77°F (25°C) and 32°F (0°C) ASTM D217	50 to 120 30 minimum	92 dmm 34 dmm
Chemical resistance ASTM C990	No deterioration, cracking, or swelling	Pass

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