



Technical Specifications for IB-500™ Isolation Materials

General Information

Composition

Pad	<ul style="list-style-type: none">• Proprietary blend of multiple diameter & length• 100% synthetic polyester permanently interlocked by the Lowderbach process to form a uniform pad with predictable mechanical properties.• No biodegradable components• Mildew inhibitor—none required• Environmentally safe
Covering	High count, 70 denier, high tensile nylon fabric
Coating	Synthetic polymer film forming watertight coating
Pre-conditioning	At manufacture, IB-500 materials are placed under a compressed load which is a minimum of ten times the maximum rated load to eliminate any possibility of dimensional changes occurring as operational loads are applied.
Place of Manufacture	United States of America

Specific Information

IB-500-S2 Sidewall Material

Thickness	1/2" (typical installation requires one layer on sidewalls)
Rated Load	0-12 psi Recommended
Load	2-10 psi (for maximum cost/benefit ratio)

IB-500-B1 Base Isolation Material

Thickness	1" (typical installation requires two layers on base, making 1" total base isolation thickness)
Rated Load	0-20 psi
Recommended Load	2-15 psi (for maximum cost/benefit ratio)

IB-500-B5 Base Isolation Material

Thickness	1" (typical installation requires two layers on base, making 1" total base isolation thickness)
Rated Load	0-32 psi
Recommended Load	15-28 psi (for maximum cost/benefit ratio)