

PRODUCTS



Serving Prosthetists and Orthotists

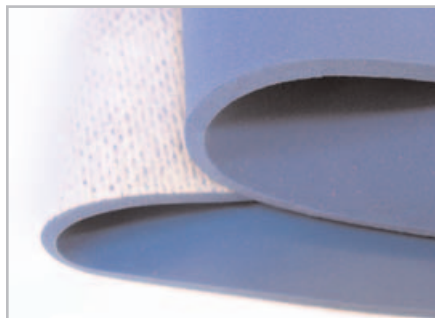
SHOCKtec Air2Gel™

SHOCKtec Air2Gel™ is the result of many years of beta testing and product development efforts. This product is a light-weight and flexible padding that is the result of a historic, first time ever, air frothing process applied to the SHOCKtec Pro™ product. This frothing process was successful in lessening the overall weight of the material without sacrificing the protective properties of the original. No other company has been able to successfully duplicate this process. This material is perfect for applications requiring a combination of shock-absorption, flexibility, light-weight and durability second to none.

Characteristics:

- Air-frothed visco-elastic polymer
- Air2Gel™ HD is slightly firmer product for maximum protection
- Superior shock absorption and energy return than leading foams
- Compression Set Zero to 1.5%
- Will not bottom out
- Excellent durability greater tensile & tear strength than foams
- Excellent bonding and grinding characteristics

Top to bottom: SHOCKtec Air2Gel™ abraded 2 sides and with polyester cloth.



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Property Comparison of Kemmler SHOCKtec Air2Gel™ HD and Poron™		
Property	Air2Gel™ HD	Poron™
Tear Strength (lbs/in. min.)	10	3
% Elongation	80%	100%
Hardness (Shore A)	25	15
Impact Absorption	21	50
% Energy Returned (input energy-lost/input energy)	35 - 41	N/A



*Detail of SHOCKtec Air2Gel™
abraded side.*

Item No.	Thickness	Color	Backing	UOM
SMD-910B-C	1/8"	Blue	Polyester Cloth (abraded/smooth)	50" x linear ft
SMD-916B-2A	1/16"	Blue	Abraded 2 sides	48" x linear ft
SMD-918B-2A	1/8"	Blue	Abraded 2 sides	48" x linear ft