

**BIOCEL
CUSHION**

BioCel* Cushion polyurethane carpet backing - A cushioned carpet backing consisting of a polyurethane precoat and a high density, non plasticized, polyurethane cushion with a non-woven polyethylene outer surface. The backing meets the following performance-in-use characteristics.

**BIOCEL
LAMINATE**

BioCel* Laminate polyurethane carpet backing - A polyurethane non-cushioned, non plasticized, carpet backing with a non-woven polyethylene outer surface. The backing meets the following performance-in-use characteristics.

CARPET BACKING FOR BROADLOOM

PROPERTIES	CUSHIONED BACKING	NON-CUSHIONED BACKING
	BIOCEL CUSHION Carpet Backing	BIOCEL LAMINATE Carpet Backing
BACKING DENSITY¹ (lbs/ft ³) ASTM D3676 Volume Method Min. 18 LBS.	18	N/A
COMPRESSION SET² Max. @50% (% height loss) Dow Method	10	N/A
COMPRESSION RESISTANCE Min. @25% (psi) Dow Method	7	N/A
CUSHION THICKNESS Min. (inches) ASTM D3676	.100	N/A
DELAMINATION Min. (pli) ASTM D3676	2.5	2.5
TYPICAL END USES	Offices, retail stores, airports, churches, and schools. Also, suitable for areas where a Functional Liquid Barrier is needed.	Schools, healthcare, banks, libraries, casinos, or other areas where roller mobility is a concern. Also, suitable for areas where a Functional Liquid Barrier is needed.

1. A minus 10% manufacturing tolerance for this specification is allowed.
2. Values shall be derived from foam samples without the outer surface.

Note: Due to a wide variation in floor traffic, Universal Textile Technologies (UTT) expressly disclaims any warranty, express or implied, that BioCel* polyurethane carpet backings will perform in all end uses. Some face constructions may be inappropriate for use with cushion backings when roller mobility is a concern; therefore, UTT recommends that you first consult with your carpet manufacturer so that they may choose the correct face consultation and backing composition for the particular application.



For additional information:
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