

CHARACTERISTICS OF CONTINUOUS BULK - ROLLS

NOME PRODOTTO	COLORI	LARGHEZZA IN CM.	ALTEZZA IN CM.	PESO SPECIFICO KG. x MC. +- 5%	PORTANZA 40% DIN 53577 KPA +- 15%	SFORZO DI PRESSIONE 40% - DIN 53576/B +- 15%	RESISTENZA A TENSIONE DIN 53571 KPA	ALLUNGAMENTO IN % DIN 53571	DEFORMAZIONE PERMANENTE 50% IN % DIN 53572
PolarGelfoam C	Azzurro	216	60	45	1,0 - 1,2	45 - 50	60	220	2
SPESSORE		SVILUPPO IN ROTOLO		NOTE SULLO SVILUPPO		ALTEZZA		ROTOLO COMPRESSO	
15 mm.		40 mt.		± 5 %		2,16 mt.		Ø 50 cm.	
20 mm.		30 mt.		± 5 %		2,16 mt.		Ø 50 cm.	
25 mm.		30 mt.		± 5 %		2,16 mt.		Ø 50 cm.	
30 mm.		20 mt.		± 5 %		2,16 mt.		Ø 50 cm.	

Some densities in stock, other densities and quantities available on request. * Uncompressed roll Ø 100cm.



PolarGelfoam® is a material designed to improve thermophysiological comfort, reducing heat and moisture build up in polyurethane foam mattresses, pillows, seats and all other objects where it is used. Thanks to its hydrothermic properties, it helps to dissipate the natural accumulation of heat and moisture generated by the body while it is in contact with the product. Offering a balance between hydrophilic and hydrophobic properties, polarGelfoam® is a material with excellent water vapour permeability and moisture transmission. Thanks to its cellular structure with open cells, the natural moisture buildup produced by the body is dispersed efficiently.

Combining elasticity and smoothness, thanks to the extraordinary air circulation guaranteed by its “enlarged” three-dimensional structure, polarGelfoam® foams allow for optimal pressure distribution, minimizing contact bridges and maximizing blood flow thus promoting the quality of sleep and rest. Non-toxic material, free from volatile substances and plasticisers, with particular features of softness and elasticity thanks to the extraordinary air circulation guaranteed by the “enlarged” three-dimensional structure. PolarGelfoam®’s structure with its highly open cells facilitates air permeability enabling heat transfer to avoid accumulation which affects thermophysiological comfort. The thermophysiological properties of polarGelfoam® have been confirmed by extensive tests.

PolarGelfoam®
REQUEST BROCHURE



Vefer
polarGelfoam

ELASTICITY,
SOFTNESS,
HYDROTHERMIC
PROPERTIES

Based on the research of Vefer on colloidal systems, **polarGelfoam®** was created. An extraordinary and effective polyurethane foam that provides a pleasant sensation of freshness

In order to give the maximum spread to this foam, Vefer has developed systems both for its **continuous production and for moulding**, which can result in either single sheets or a continuous sheet. Vefer provides it all: sheets for direct application for gluing as well as rolls for mass production and quilting. The continuous sheet can be quilted easily and it can be applied on any mattress, pillow, topper, and it can be rolled up easily. Its application is the most varied, both in the world of beddings, seats as well as other areas where elasticity and softness are closely linked to the need for a fresh material and with thermophysiological comfort.

