

AN EXPLANATION OF CHANGES MADE TO CETCO GCL CERTIFIED PROPERTIES SHEETS

Between 2007 and 2010, CETCO made several changes to key physical properties and test methods for our GCL products. These changes are summarized in the following table:

Summary of Changes to CETCO GCL Certified Properties

	Tensile Strength		Peel Strength	
Product	Old Value (Method)	New Value (Method)	Old Value (Method)	New Value (Method)
Bentomat ST	90 lbs (D4632 mod) 22.5 lbs/in (D6768)	30 lbs/in (D6768) (33% increase)	15 lbs (D4632 mod) 2.5 lbs/in (D6496)	3.5 lbs/in (D6496) (40% increase)
Bentomat DN	150 lbs (D4632 mod) 37.5 lbs/in (D6768)	50 lbs/in (D6768) (33% increase)	15 lbs (D4632 mod) 2.5 lbs/in (D6496)	3.5 lbs/in (D6496) (40% increase)
Bentomat SDN	90 lbs (D4632 mod) 22.5 lbs/in (D6768)	25 lbs/in (D6768) (11% increase)	15 lbs (D4632 mod) 2.5 lbs/in (D6496)	3.0 lbs/in (D6496) (20% increase)
Bentomat CL	120 lbs (D4632 mod) 30 lbs/in (D6768)	45 lbs/in (D6768) (50% increase)	15 lbs (D4632 mod) 2.5 lbs/in (D6496)	3.5 lbs/in (D6496) (40% increase)

Two general types of changes were made. First, we completed the transition from the old test method (ASTM D 4632 modified) which was used for measuring both tensile strength and peel strength, to the new test methods (ASTM D 6768 and D 6496) for tensile and peel strength, respectively. For several years CETCO has been publishing both the old and new test methods in our GCL certified properties sheets. This is an unnecessary and confusing redundancy, and so we are taking the final transitional step which eliminates reference to the old test methods. For a more detailed description of the differences between the “old” and “new” methods, please refer to CETCO's TR-334, “Understanding the New CETCO GCL Certified Property Sheets.”

The other major change reflects a significant increase in the tensile strength and peel strength properties of most of our GCL products. This increase is not related to the transition in test methods. Instead, based on a comprehensive analysis of historical tensile strength and peel strength data from our two North American production facilities, it was concluded that the values shown on our certified properties sheets were overly conservative. We have therefore increased the tensile strength and peel strength values of several products in order to more accurately reflect their true strength characteristics.

Certified properties sheets are available at our website www.cetco.com/LT or by contacting CETCO at 800-527-9948.