VULCANA
MADE FROM RECYCLED TIRES

Q. Do you want to bond your fabric to rubbRe™?

A. Every fabric has differing properties; therefore not all fabrics will be suitable for bonding to Vulcana's® rubbRe™.

Prior to production, each fabric must be evaluated and tested for an effective "bond" to rubbRe™. Various properties of the fabric will have an impact on the result of the bond to be achieved; some more critical than others. The composition of the material along with the weight, elasticity, tensile strength (bi-directionally), thickness, finish, weft and warp will influence the results.

As a starting point, however, the following guidelines are outlined to assist you in determining the likelihood that your fabric characteristics are suitable for bonding with rubbRe™ (Parameters are set forth in order of priority)

Material Characteristics	English	Metric
***Tensile Strength:**	400 PSI (overall X-Y)	28 kg/cm^2
***** **Weight:**	> 1 lb/sq^2 preferable	> 0.54 kg/m^2 preferable
Max Elasticity:	125% (less is better)	
Thickness:	> 0.032 in preferable	> 8 mm preferable
Fabric Width:	60" width is standard. However, 36" and 48"	Up to 1.52 m wide (rubber material is 1.52 m wide with nominal variations)
Min Length for Test:	150 yd	137.16 m

* Greater tensile strength may reduce the fabric weight requirement. The stability of the fabric under the conditions of a stressful production process will greatly influence whether the fabric is suitable for bonding to rubbRe™.

If your fabric falls outside of these general guidelines, please contact us at info@vulcanabags.com to inquire about the possibilities of bonding to Vulcana rubbRe™.

Rev 8/14/2017