



**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   |
|-----------------------------|---|--|
| <b>*Tensile Strength:</b>   | 400 PSI (overall X-Y)                       | 28 kg/cm <sup>2</sup>  |
| <b>* Weight:</b>            | > 1 lb/sq <sup>2</sup> preferable           | > 0.54 kg/m <sup>2</sup> preferable  |
| <b>Max Elasticity:</b>      | 125% (less is better)                       |  |
| <b>Thickness:</b>           | > 0.032 in preferable                       | > 8 mm preferable  |
| <b>Fabric Width:</b>        | 60" width is standard. However, 36" and 48" | Up to 1.52 m wide (rubber material is 1.52 m wide with nominal variations) |
| <b>Min Length for Test:</b> | 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](mailto:info@vulcanabags.com) to inquire about the possibilities of bonding to Vulcana rubbRe™.

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