



# A Small Lesson in Materials.

Everything you need to know about CORDURA fabric.

In our quest to supply our customers with only the finest quality products, we have decided to use CORDURA in the production of all of our tank bags and motorcycle bags.

But what is CORDURA actually? First of all, it's brand name. The Swiss company Invista invented a special textile woven out of Polyamide, or Nylon, which had never before been seen in this form. What's special about it is; in the manufacturing of CORDURA cut polyamide fibers are re-spun and finally interwoven. This results in a material that is substantially more wear and tear resistant than simply Nylon. The slightly abrasive surface gives the material a pleasant, anti-slip feel. It not only dries quickly, it

is also water resistant and drops of moisture bead up. What makes CORDURA especially interesting for us is its remarkable abrasion resistance when compared to cotton, polyester or conventional Nylon. Tank bags and other textile bags are continually subjected to extreme conditions on a motorcycle. Moisture, rain, but also Sun exposure and mechanical strains continually gnaw away at the material. While other less expensive materials lose their quality and reliability in a relatively short time, CORDURA retains its qualities over a long period of time.

However, all CORDURA is not created equal! The so called CORDURA 330, the lightest and thinnest variant is commonly used in clothing or lightweight bags.



CORDURA 500 is acceptable for many applications and it's often used in the production of luggage. Then there is CORDURA 1000; the "Outdoor-Panzer", a perfect and highly robust material. "We use only CORDURA 1000 with a PVC-free acrylic polyurethane coating in the production of all our textile luggage and pouches."explains Armin Halfar, the CEO of Halfar System GmbH – our partner for the manufacturing of high quality tank bags and motorcycle luggage. "Our textile is especially resistant to water and soiling due to the fact that it's impregnated with fluorocarbon."



Halfar looks back over a career spanning more than 20 years, manufacturing bags of all types and now manufactures our entire range of bags entirely in Europe. Despite all of the advantages of CORDURA, industry experts recognize that there is one drawback to CORDURA. Because of the tough structure, the material is much more difficult to stitch than conventional Nylon. That's one reason why some of our competitors choose a more simple material in the construction of their bags. This is a trend that we refuse to follow. High quality has its price and that's the stand that we take. If our tank bags still works well, is still water resistant and no worse for wear after 5 years, then we know that we are right.

### Components of our Tank Bag:



The Elephant tank bag is made out of 115 parts. Altogether 46 different materials are used. During the manufacturing, there are 57 seams sewn. The water resistant zippers used make up a total length of 4 meters (13 feet).

