

## REDGUM's Microfibre Packaging Bag

## This bag is made entirely from the finest microfibre lens/spectacle cleaning cloth.

After unpacking your new REDGUM, feel free to use this cloth for dusting and removing fingerprints.

This Microfiber cleaning cloth is a fabulous option when you want to keep your REDGUM Amplifier's delicate surfaces clean.

This textile combines poly-amide and polyester microfibers to provide a very effective surface that actually grabs dust, grime and contaminants off the surface, plus it is very strong, soft and durable at the same time. You can also wash it hundreds of times and it will maintain its properties.

Microfibers are able to attach themselves to even the smallest, most microscopic dirt particles, ones that normal cloth fibers (positively giant in comparison) crudely brush past. If forces were visible, you'd be able to see that there are adhesive forces (forces of attraction) between microfibers and dirt. Thinking back to school chemistry, these forces are called van der Waals forces after their discoverer, Nobel-prize winning Dutch chemist Johannes Diderik van der Waals (1837–1923). (Van der Waals forces explain why geckos can stick themselves to ceilings using billions of tiny hairs on their toes.) Although there is only a microscopic amount of van der Waals force between one microfiber and any given dirt particle, there are millions of microfibers in a cloth, so the overall sticking effect is magnified dramatically. That's why dirt, dust, and other deposits can be grabbed by microfiber cloths.

