



MotoSolutions™

RAIN[COAT]® **Advanced Water Repellent Coating**

INSTRUCTIONS

Clean and dry your plastic lenses/shields/windows:

- 1) Dampen applicator with water
 - 2) Use pea sized amount for full faceshield, less for glasses
 - 3) Wipe the thinnest possible layer onto plastic surface
 - 4) Allow to dry completely for 1 to 3 minutes
 - 5) Buff briskly with cotton cloth, turning often, until transparent
- Fold over packet opening and paper clip closed to save excess.

Question: What is in Raincoat® Advanced Water Repellent Coating? How does it work?



Answer: Raincoat® consists of a special wax blend suspended in an evaporating oil. These waxes are highly hydrophobic e.g. they 'hate' water. After the oil evaporates and the lens is buffed, a small amount of microfine wax is left behind. The wax then cause water to bead up as in the picture on the left. As a result, larger drops will run off your lenses with gravity or the wind. Any remaining water will appear as smaller and highly rounded droplets. These effects combine to greatly improve your vision in wet conditions as well as keeping your lenses clean much longer.

Question: Is Raincoat® Advanced Water Repellent safe on my lenses or shield?

Answer: Yes, we have not seen any issues with polycarbonate, PMMA, Plexiglas, Lexan, and CR-39 lenses. We have not tested Raincoat® on all plastics or painted surfaces so if you have a question, please try Raincoat® on a small section first.

Question: How long does Raincoat® Advanced Water Repellent last? Will it wash off?

Answer: You should get several weeks from one application. But Raincoat® will gradually lose its effectiveness with heavy rain or frequent washing. We recommend a fresh coat if you anticipate heavy rain. Our tests indicate that multiple coats appear to improve the water repellent effect.

Question: Will Raincoat® remove all water from my lenses? How about snow or ice?

Answer: Raincoat® will cause larger water drops to slide off your lenses with gravity or the wind. Mist or droplets will become more rounded and less noticeable but still may remain on your shield. However those will blow off much more easily with wind. Raincoat® will not stop fogging of your lenses. (We suggest using Fogtech®) Early results also indicate that snow and ice will adhere much less to lenses coated with Raincoat®.

Question: Will Raincoat® work on glass?

Answer: Raincoat® will **not** work on glass surfaces.

Caution: Combustible. Do not expose to heat, flame or sparks. Contains petroleum distillates. Do not eat. If ingested, do not induce vomiting, seek medical attention. If liquid Raincoat® gets into eyes, remove contact lenses, then flush with water for 15 minutes. If irritation persists, seek medical attention.