

AFC 2203

A durable and smooth multi-layered non-stick PFA system exhibiting the following properties:

- Excellent non-stick properties – few substances will adhere to AFC2203
- Enhanced abrasion resistance and longevity
- Continuous performance at temperatures up to 260°C
- Intermittent use up to 290°C
- Suitable for temperatures as low as minus 240°C
- Both Oleophobic and Hydrophobic hence not readily wetted
- Easy clean up – in many cases self cleaning
- Conforms to FDA regulations governing coatings for direct food contact
- High dielectric strength, low dissipation factor and very high surface resistivity
- Very low coefficient of friction (kinetic coefficient of friction 0.1)
- Non or minimal lubrication
- Excellent UV resistance
- Inert to almost all chemicals except molten Alkalis and a few perfluorinated compounds
- Degraded by Beta and Gamma radiation – not suitable for containment areas in Nuclear Power plants

Typical Applications include,

Food Processing Machinery e.g. Dough Hoppers, Chutes, Dough Rounders, Guides, Packaging and Heat Seal Tools.

Chemical Process Equipment e.g. Tablet Moulds, Product Guides, Chutes, Hoppers & Sealing Tools

Cleaning agents when used should be as neutral as possible. Abrasion free detergents in conjunction with nylon tools are acceptable. Metal tools should never be used and will result in damage to the coating.

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All information is based on typical test results performed under specific conditions and limited sample size. This does not represent a legally binding guarantee of certain properties or the suitability for specific applications. All information is provided in good faith at time of print.

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