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## **Product Data Sheet AS 205**

### **General information :**

- *PTFE and POLYAMIDE IMIDE base, black colour*
- *Very low friction coefficient (static 0.11 to ASTM D4518-85)*
- *Excellent adhesion to most metal substrates, plastics and ceramics*
- *Excellent resistance to abrasion*
- *Working temperature of - 190°C to + 280°C*
- *Good resistance to various chemical agents*
- *Curing temperature between 80°C and 300°C*
- *Dry film thickness recommended : 10 microns minimum, 20 to 25 microns optimum*
- *Conforms to current ACS legislation for coatings in contact with drinking water*

### **Applications :**

- *AS 205 coating is suitable for use on all valve and fluid assemblies*
- *AS 205 coating is suitable for all surfaces that require maximum dry lubrication and good resistance to friction (runners, waste chutes, conveyors, actuators...)*
- *AS 205 coating is used to eliminate mechanical or noise operating malfunctions caused by friction (screw threads, teeth, splines...)*
- *AS 205 coating can be applied to most plastic materials to solve problems of dry lubrication and anti-adhesion*
- *AS 205 coating is suitable for packaging equipment in order to improve the flow of items but also to avoid scratches and marks on their surfaces*
- *AS 205 coating helps reduce the mechanical resistance for parts in contact*

*AS 205 coating enables you to solve most of the problems you may experience with adhesion and associated malfunctions, whatever the substrate and increases your production rates and improves the efficiency and life of your equipment ....*

The information contained in product sheet No. 205\_2011 is for guidance purposes only. It may be subject to variation depending on the supply, nature and shape of the parts.