

Accoflon H

Accoflon H is a durable fluorocarbon coating with excellent low friction and non-stick qualities.

Uses

Accoflon H is one of the most significant product developments of recent years because it is extremely durable. Lack of durability has previously been a problem which has led to short lifetimes, increased costs and extra work. Accoflon H puts an end to all that. The coating is ideal for use in product areas where both durability and the customary fluorocarbon non-stick and low friction qualities are required.

Accoflon H can be used to coat a range of products, e.g. plastic moulding equipment and foodstuff production and transport equipment.



Cone coated with
Accoflon H

Technical information

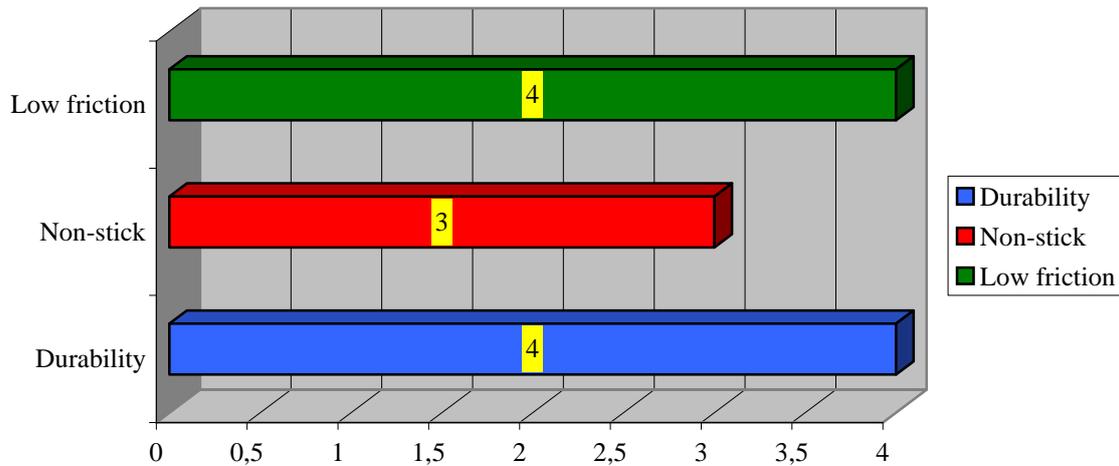
Accoflon H is black and has a smooth and semi-glossy finish. In order to achieve maximal attachment, and thereby extend product lifetime, rinse and sandblast the product to be coated prior to coating in order to remove impurities and to ensure optimal attachment. Damaged coating cannot be repaired on site but must be returned to Accoat for re-coating.

Use of sharp tools and similar equipment can damage the coating. We recommend that employees who work with products coated with Accoflon are informed of this and that they are provided with tools which will not damage the coating, e.g. plastic putty knives for use when working with paint and varnish.

Samples

We are happy to provide sample plates treated with Accoat coatings free of charge, allowing you to see for yourself whether the coating matches your requirements. Contact our sales department for details.

Significant attributes of Accoflon H:



1 = Average, 2 = Good, 3 = Very good, 4 = Excellent

Property	Value
Layer thickness (µm)	35 – 60 µm
Colour	Black
Temperature range	Max. continuous temperature: 250 °C
Friction co-efficient	Unknown
Contact with foodstuffs	Yes, FDA section 21 CFR, BfR EC 1935/2004
Materials that can be coated	Steel, stainless steel and aluminium
Limitations	Use of sharp tools will damage the coating
Safety	Heating to over 300 °C will result in the release of acidic gases which can be poisonous. Do not weld or perform similar operations on the metal close to coated areas. Old coating is best removed mechanically, e.g. by sandblasting.

Our recommendations and information are based on laboratory tests and extensive experience and can help guide your product choice, and help you determine which applications are appropriate for the product.

Given that the user's work practices and the use to which the user puts our products are beyond our control, Accoat A/S' responsibility is limited to the products conforming to Accoat standards as detailed in technical data sheets and other sales material. Responsibility for replacement / compensation will under no circumstances extend beyond the price paid for the coating.