



**WILLIAM JOHNSTON
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FDA SILICONE RUBBER PROFILES WITH ANTI FRICTION (AF) PROCESS

William Johnston & Company Ltd's Anti Friction (AF) process can be applied to any of our Silicone Rubber grades.

This process overcomes some of the common issues associated with silicone rubber, such as stickiness and static which makes it pick up dirt and hard to clean.

The Anti Friction process can be applied to all extruded profiles, including D sections, P sections, Cord & Tubing. It can also be used on our Mouldings, Washers, Gaskets & other parts; contact us with your requirements to see if you have a need for anti friction sealing technology.

Parts that have the AF process applied to them have a pleasant smooth finish, with highly reduced dirt attraction.

Contacting surfaces have less friction this also can ease fitting of seals

Components are easily separated, and the non-stick surface means moving parts open even after extended periods of being closed; it also helps the life of the seal when in constant contact with moving parts

This data sheet indicates the benefit of the treatment; for more detailed analysis of the Silicone materials we supply please request the material data sheets.

The Anti Friction process does not affect the mechanical properties of our silicones, nor does it affect the colour; & the surface finish is smooth and silky feeling.

The Anti Friction treatment does not affect the FDA extraction test results, so grades that are FDA compliant prior to the treatment are still FDA compliant afterwards.

Some of the grades that we can process with the treatment:

General Purpose, Food Grade, High Strength, Platinum Cured, Steam Resistant, Flame Retardant & more

Contact us now for more information



Failure to select the correct materials or products can result in damage to plant and equipment and personal injury. In specific applications, particularly where critical conditions exist, we suggest you contact us and we will consider with you the most suitable material or product. However, information supplied by William Johnston & Company Limited is intended only as technical co-operation and as a guide to the various uses of different products. No warranty is given in respect of information or recommendations by William Johnston & Company Limited which are only given for guidance and without any guarantee. The customer must satisfy themselves on the suitability of the material or product for the intended purpose. The correct fitting of products is the responsibility of the customer.