

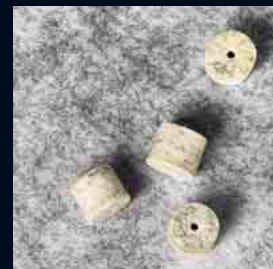


# VFG Weapon Care

...or how to care your hunting and sports guns

VFG WEAPON CARE

N<sup>o</sup> 1



## CLEANING AND CARE SYSTEM

### WEAPON CLEANING



Whether shooting for hunting or sport, cleaning and care of the gun is a part of the game, even if seen as a necessary evil. Cleaning and care should therefore demand as little time as possible. After all, one doesn't shoot for the pleasure of the subsequent cleaning.

The assumption that a gun barrel cleans itself with the famous "cleaning shot" is false, unless the gun is, indeed, only intended to shoot but not with great accuracy. For accuracy, the bore should be free from powder residues, metallic deposits and even corrosion. If the accuracy of a weapon – and thereby its value – is to be maintained, it must be cleaned and preserved regularly.

With VFG WEAPON CARE, Vereinigte Filzfabriken AG has developed a unique and highly professional care and cleaning system for all kinds of air/ CO<sub>2</sub> guns and firearms. In so doing we have always allowed ourselves to be guided by the basic rule that the cleaning tools and devices should not damage the gun in any way but must, nevertheless, be easy and comfortable to manipulate and extremely effective in use. From the point of view of quality, the products must meet the highest demands.

The VFG WEAPON CARE RANGE was invented in 1970.

In the course of recent years, the range has been expanded and still further improved. Our company, of course, continues to make every effort to optimise gun cleaning and care for our hunters and shooters. Understandably, this means that we must reserve the right to make technical changes.

What, then, is special about VFG WEAPON CARE?

It is a comprehensive range of articles for the internal and external cleaning and care of guns. In the nature of things, special attention is devoted to the cleaning of the bore of the barrel since it is well known that this presents the greatest problems.

The common feature of all systems is that cleaning, preservation and degreasing of the barrel are carried out with woollen felt pieces. VFG high-quality woollen felt barrel cleaners are manufactured from natural sheep's wool with cellulose wool and in diameters to match every calibre. This is carried out exclusively by felting and fulling the individual fibres, and thus without the addition of a binder of any kind.

The VFG felt cleaning elements are

- for air/CO<sub>2</sub> guns

simply shot through the barrel like a pellet and, in the process, clean / oil / degrease the bore.

- firearms

fitted to an adaptor piece on the end of a cleaning rod and inserted into the bore to clean / oil / degrease it.



While we do offer, as a part of our product range, our own cleaning rods of outstanding quality and design, it is not absolutely necessary to obtain such a VFG CLEANING ROD in order to be able to use VFG felt cleaning elements. VFG WEAPON CARE also includes various adaptor pieces whose threads fit the most widely used European and US cleaning rods.

All you need is the appropriate adaptor piece to be able to use VFG felt cleaning elements with your own cleaning rod!



**WOOLLEN FELT HAS  
MANY GOOD PROPERTIES**

- it is a purely natural product and contains no chemicals whatever.
- it is stable in shape yet flexible and can be precision stamped in a modern process. When it is stamped, the cut surface presents brush-like properties due to the innumerable fibre ends, which, when the correct pressure is applied, have an optimum cleaning effect.

- it is very absorbent and can trap large and small particles of dirt in its tangled fibre structure and so clean them out of the bore. The outstanding absorbency enables it to take up and store liquids (e.g. oil, solvents, polishing paste).
- it is a textile product and therefore harmless and exceptionally gentle.
- it can bring metal surfaces to a high polish.

In addition to the woollen felt cleaners, Vereinigte Filzfabriken AG developed a special barrel cleaning felt with additional embedded brass fibres – the SUPERINTENSIVE CLEANER (VFG-Patent: P4109692.4.09). This is available, like the WOOLLEN FELT CLEANERS, in all the common calibres.

**VFG WEAPON CARE**

**Nº 1**

The SUPERINTENSIVE CLEANER combines the advantages of the woollen felt cleaner with those of the bronze brush or steel wool and is, therefore, highly abrasive, elastic and absorbent. This SUPERINTENSIVE CLEANER guarantees a still more efficient cleaning of the bore (also of the cartridge chambers in revolve cylinders). This means that, from now on, you can give up using cleaning brushes, steel wool or similar strongly abrasive cleaning tools. With SUPERINTENSIVE CLEANERS, you have the certainty that, thanks to their optimised calibre size, material density and elasticity, they penetrate deeply into the



rifling grooves, take up the dirt particles in their porous surface and that, unlike brushes, they do not merely scratch at the surface of the contamination.

The VFG WEAPON CARE range is completed by the practical VFG OILED FELTS for the external cleaning and weather protection of your gun and a range of other useful cleaning equipment. The handy OILED FELTS are made of a special absorbent felt and impregnated with a high-quality gun oil (Ustanol). They are safe and economical to use.

CLEANING 4 – 4,5 MM CALIBRE  
GUNS / ZIMMERSTUTZEN



For these guns too, as well as blank firing guns, a suitable, purpose designed, cleaning system, is available. This consists of a CLEANING ROD, an ADAPTOR and the felt cleaning elements precisely suited to the calibre.

VFG CLEANING RODS

On the grounds of stability, our production consists exclusively of one-piece, stainless steel cleaning rods with a diameter of 3,5 mm. Two designs are available, for short rifles (Art. 66802=280 mm wipe length) and long rifles (Art. 66801=740 mm wipe length). Maintenance free ball bearings in the handle ensure that the felt cleaner screwed onto the adaptor can follow the rifling (and not, as might happen with cheap rods having rigidly fixed handles, unscrew itself by following the rifling twist).



**CLEANING ROD (1-piece)**  
Stainless steel, ball bearing handle  
for short rifles Art. 66802  
for long rifles Art. 66801

+

**ADAPTOR**  
Art. 66803

+

**RIFLE CLEANER**  
Art. 66800



**SUPERINTENSIVE  
CLEANER**  
Art. 66799

### VFG ADAPTORS

The ADAPTOR (Art. 66803), in brass, is screwed onto the cleaning rod. It has a modified wood-screw thread on which the felt cleaning element can be securely fitted. Even when the CLEANING ROD is run several times up and down the bore, the felt cleaner will remain firmly and safely fixed on the ADAPTOR. This ensures that a cleaner cannot slip off within the barrel and block it.

### VFG FELT CLEANING ELEMENTS

For slight soiling, oiling or degreasing, we recommend the use of RIFLE CLEANERS (Art. 66800). For heavy soiling or deposits,

the cleaning task is made easier by the SUPERINTENSIVE CLEANER (Art. 66799). The felt cleaning elements are supplied with a prepunched center hole for easy mounting on the adaptor. As opposed to the cleaning of rifles, handguns and shotguns, only one felt cleaner at a time is screwed firmly onto the adaptor.

Also helpful in caring for your gun are:  
BORE CLEANING COMPOUND  
Art. 67006 or 67007  
OILED FELTS Art. 66941  
MATCH SET POCKET  
Art. 167291







### CLEANING RIFLES AND HANDGUNS

There are various ways and means of cleaning a gun barrel. Often, brushes, wool patches, wicks, tow, cloths etc. are used on cleaning rods, chains or spirals. The only advantage of the latter over the cleaning rod is that they can be folded up small. They are, therefore, used almost exclusively by the military.

While brushes may be easy to manipulate, they do not remove the dirt from the bore but only spread it evenly. After all, who washes out a brush after every passage through the barrel? In any case, the individual fibres or bristles are very easily bent so that a good scraping action does not occur or they simply jump across the lands of the rifling and do not follow it. Tow on a spiral jag is better in this respect. However, it has a decided disadvantage: winding the tow on the jag requires great care and experience. Too little tow does not clean because the friction in the bore is too small; too much will not fit in the bore. The most suitable implement is a cleaning rod whose handle should rotate freely, so that cleaning material fitted to the rod can easily follow the twist of the rifling.



**CLEANING ROD**  
Stainless steel, ball bearing handle

+

**ADAPTOR**  
Art. 66804

+

**RIFLE CLEANERS**  
.22 – .45 calibre



**for rifles:**  
Art. 66889 (1-piece) .22-6,5mm calibre  
Art. 66890 (3-piece) .22-6,5mm calibre  
Art. 66893 (1-piece) 7 mm calibre and more  
Art. 66894 (3-piece) 7 mm calibre and more

**for handguns:**  
Art. 66892 .22-6,5mm calibre  
Art. 66896 7 mm calibre and more

**SUPERINTENSIVE  
CLEANERS**  
.22 – .45 calibre

## VFG CLEANING RODS

We offer our customers the choice of 1-piece and 3-piece cleaning rods. Without doubt, the 1-piece rods are better from the point of view of stability and suitable for indoor use. On the other hand, the 3-piece rods can be dismantled and are thus less cumbersome to transport and ideal for use when travelling.

VFG CLEANING RODS are made of stainless steel with a non-slip polyamide handle. This contains two maintenance-free, light-running, ball bearings so that the felt cleaning element screwed onto

the adaptor can follow the rifling in the barrel during the cleaning procedure (and not, as might happen with cheap rods having rigidly fixed handles, unscrew the adaptor by following the rifling twist).

Also helpful in caring for your gun are:  
BORE CLEANING COMPOUND Art. 67006 or  
67007, OILED FELTS Art. 66941

## VFG ADAPTORS

The 66804 adaptor is equipped with an M5 male thread and a 1/8" female thread and fits on all VFG CLEANING RODS for rifles and handguns – or on cleaning rods of other manufacture having these threads. In combination with the threaded reducer supplied with the shotgun cleaning rod (Art. 66900) it can also be used with this rod. It can also be fitted with the shotgun cleaning elements!



spike

sharp edged  
wood-screw  
thread

sloping  
shoulder

metric, English  
or US thread



It is designed to accommodate two felt cleaning elements. At the extreme end it has a smooth spike followed by a wood-screw thread. The first felt cleaner is screwed onto the thread and thus held fast on the adaptor. By working the cleaning rod to and fro, this can be used to polish, oil, degrease etc. the bore.

At the end of the thread is a sloping shoulder. If the felt cleaner is screwed up onto this shoulder, its diameter will be somewhat further increased so that it fits more tightly in the bore. The increased pressure on the wall of the bore may, indeed, lead to more force being required to run the cleaner through the barrel, however, it also leads to a greater cleaning effect.

The second felt cleaner should only be pushed onto the metric thread\* so that in soiled condition it is pulled off at the muzzle when the cleaning rod is drawn back into the barrel.

As already mentioned, the VFG WEAPON CARE range also includes adaptors for cleaning rods of other manufacture with foreign threads so that you can use VFG cleaning elements with your own cleaning rod.



\* Metric thread for the knurled nut when using VFG rifle cleaners.



## CLEANING GUNS WITH RIFLED BARRELS

For slight soiling or for oiling and degreasing, we recommend the use of RIFLE CLEANERS. For heavy soiling or deposits, cleaning is easier with SUPERINTENSIVE CLEANERS. The felt cleaning elements are supplied with a center hole for easy fitting on the adaptor. RIFLE CLEANERS and SUPERINTENSIVE CLEANERS are available in sizes for all calibres from .22 to .45 and in a choice of small and large packages.

Screw the adaptor, fitted with two felt cleaners, onto the cleaning rod. Now push the cleaning rod through the barrel from the breech end. The felt will be squeezed and press itself into the grooves of the rifling. The front felt plug will scrape coarse

dirt particles from the wall of the bore with its front edge and push them ahead of itself, smaller particles will be trapped in its porous surface.

But why are there two felts on the adaptor? When you have pushed the cleaning rod, with both felts, right through the barrel and out of the muzzle, the dirt that has accumulated ahead of the front felt falls out. Now draw the adaptor back into the muzzle. In the process, the dirty front felt will automatically be lifted off the smooth spike and drops off.

**VFG WEAPON CARE**



## VFG FELT CLEANING ELEMENTS

This avoids redistributing the dirt in the bore – it really is removed! The second felt cleaner sits fast on the coarse thread, can be pulled back into the barrel and polishes the bore. Could it be any easier, more thorough, or cleaner?

Oiling the bore is just as easy: You screw a RIFLE CLEANER onto the thread and soak it in a high-quality gun oil (e.g. Ballistol). With the help of the cleaning rod, push it a few times back and forth through the barrel and a thin film of oil provides a protective covering of the bore. RIFLE CLEANERS are also outstandingly suitable for degreasing. The dry felt simply sucks up the oil film in the bore.

Any smears or metallic deposits are best removed with BORE CLEANING COMPOUND. This will not attack or abrade the bore of your firearm, it loosens the dirt, which can then be removed with the help of the SUPERINTENSIVE CLEANERS or the RIFLE CLEANERS.

Also helpful in caring for your gun are:  
BORE CLEANING COMPOUND  
Art. 67006 or 67007,  
OILED FELTS Art. 66941  
FIREARM POCKET SET Art. 167292  
WIPE LENGTH STOPPER  
for rifles Art. 67010

REVOLVERS

For cleaning, remove the cylinder. The construction of the revolver is such that the rifle cleaner must be introduced from the muzzle. Push both rifle cleaners right through the bore until they can be seen in the frame. When the cleaning rod is pulled back, the dirty front felt will be pulled off. With the second felt element that remains on the adaptor, the bore can be polished. You can also push the cleaning rod with adaptor through from the muzzle, screw a felt onto the adaptor while it is accessible in the frame and pull the clean felt back in the direction normally followed by the bullet.

The chambers in the cylinder can also easily be wiped out with a CHAMBER CLEANER or CHAMBER CLEANER SUPERINTENSIVE.

For light soiling of the chambers we recommend the use of CHAMBER CLEANERS SOFT. Like RIFLE CLEANERS, these are made of elastic merino wool felt, which can also adapt itself to the smaller diameter of the breech. For heavier soiling, CHAMBER CLEANERS SUPER-INTENSIVE should be used. These are also made of merino wool felt and include brass fibres. In combination with BORE CLEANING COMPOUND, exceptionally good cleaning results can be obtained!



THE VFG SHOTGUN CLEANING SYSTEM

**CLEANING ROD (2-piece)**  
Aluminium  
for 12+16+20 bore  
Art. 66897

+

**REDUCER**  
Art. 66900

+

**ADAPTOR**  
Art. 66804

+

**SHOTGUN FELT + KNURLED NUT**  
12+16+20 bore  
Art. 66804

+



**SHOTGUN SUPERINTENSIVE CLEANERS**  
12+16+20 bore

The cleaning of shotgun barrels used to be tedious, boring and dirty work. It is easier, more convenient and better results are achieved with the new VFG SHOTGUN CLEANING SYSTEM.

Also helpful in caring for your gun are:  
BORE CLEANING COMPOUND  
Art. 67006 or 67007  
OILED FELTS Art. 66941  
FIREARM POCKET SET Art. 167292  
WIPE LENGTH STOPPER for shotguns  
Art. 67011



For slight soiling or for oiling and degreasing, we recommend the use of SHOTGUN FELT CLEANERS. For heavy soiling or deposits, cleaning is easier with SHOTGUN SUPERINTENSIVE CLEANERS. The felt cleaning elements are supplied with a center hole for easy fitting on the adapter.



## VFG FELT CLEANING ELEMENTS

Now, how, in detail, do you use the VFG SHOTGUN CLEANING SYSTEM to clean your shotgun?

First screw the REDUCER (Art. 66900) onto the SHOTGUN CLEANING ROD (Art. 66897). This fits the inch thread of the cleaning rod and is equipped with an M5 thread to accept the ADAPTOR (Art. 66804). Now screw the first SHOTGUN FELT CLEANER onto the wood-screw thread of the adaptor. If you screw it still further onto the sloping shoulder, you will spread the outer diameter of the felt cleaner a little further. It will then fit even more tightly in the bore. Put the second felt cleaner on the spike of the adaptor. The first felt cleaner will clear the coarsest dirt from the barrel. It can be easily removed and, if necessary, exchanged. The second cleaner is firmly held on the screw thread and can thus be used for polishing up or oiling.

You will achieve the optimum cleaning results if you make the first cleaning pass with SHOTGUN SUPERINTENSIVE CLEANERS, which you have smeared with BORE CLEANING COMPOUND. When cleaning your shotgun, rest the muzzle on a soft support on the floor. You can then work the cleaning rod up and down more easily and the adapter with its felt cannot

slip out of the muzzle. Alternatively, use the WIPE LENGTH STOPPER for cleaning rods. This will prevent the felt cleaner from slipping out of the barrel and you can work it freely back and forth. A second cleaning pass with SHOTGUN CLEANERS of wool felt cleans the bore of your gun of all remaining residues.

When using the SHOTGUN SUPERINTENSIVE CLEANERS and the SHOTGUN FELT CLEANERS, you will find that you have to rub hard. However you will be compensated by absolutely clean bores and can be sure that your gun does not suffer in any way.

To oil the bore, screw a SHOTGUN CLEANER on to the adapter, soak it in a high-quality gun oil and push it a few times back and forth in the barrel. A thin and even oil film now protects the clean bore. Now wipe down the external metal parts of the gun with a OILED FELT and you can put your well preserved shotgun into storage, ready for use the next time.

Also helpful in cleaning your gun are:  
BORE CLEANING COMPOUND

Art. 67006 or 67007

OILED FELTS Art. 66941

FIREARM POCKET SET Art. 167292

WIPE LENGTH STOPPER for shotguns  
Art. 67011

## VFG SHOTGUN CLEANING ROD

The two-piece SHOTGUN CLEANING ROD is made of solid Aluminium, guaranteeing optimum stability. A thread gives a seamless joint between the individual parts and ensures that the assembly is solid. The parts of the rod are equipped with a 9/32" screw thread so as to accept the usual commercial cleaning elements.

This SHOTGUN CLEANING ROD can also be used as a CLEANING AND RAMROD FOR MUZZLE LOADING GUNS.

## VFG ADAPTOR

Together with the cleaning rod, you also receive a reducer (Art. 66900), that adapts from 9/32" to the M5 thread into which our adaptor, Art. 66804 fits. This adaptor can thus be used both on the RIFLE CLEANING ROD and on the SHOTGUN CLEANING ROD. In emergency, you can clean your shotgun with your rifle cleaning rod.







Vereinigte Filzfabriken  
Aktiengesellschaft  
P.B. Box 16 20  
89531 Giengen/Germany

Phone: +49 (0) 73 22 144 0  
E-Mail: info@vfg.de  
www.weaponcare.com

VFG WEAPON CARE



## VFG FIREARM POCKET SET



PRECISION IN HANDY SIZE  
SUITABLE FOR ALL CALIBRES  
OF RIFLE AND SHOTGUN

A smart metal case on the outside and a rich inner life on the inside. A plastic-covered steel wire (the flexible "cleaning rod") and a grip disc are part of the set.

It is quick and simple to operate: push the wire through the barrel, fix the barrel cleaner on the adaptor and pull the wire through the barrel with the help of the grip disc. Repeat this procedure three or four times – and you're done. Oiling and de-oiling works the same way.

**So good, so small, so handy:  
The Pocket Sets from VFG**