

Adamas HISTORY

The legendary Adamas phosphor bronze strings are among the **most famous acoustic guitar strings** in the world. Please take this opportunity to learn more about the history of this exceptional string and its truly unique features:

As the ancestor of the Adamas string, the **National Musical String Company (NMSC)** established in 1898, using the brands "Bell" And especially "**Black Diamond**" became world famous.



It is from NMSC that famous models such as **Super-Sensitive** later emerged.

NMSC was purchased by **KAMAN** Corporation in 1970.

In **1979** the company was renamed **KAMAN Musical String Company** and moved to Connecticut

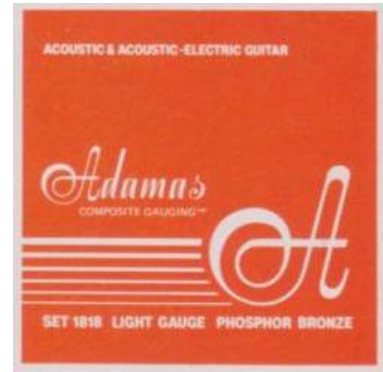


In May **1980** a Trademark for **Composite Gauging** was created, this is one of the most special characteristics of **ADAMAS** strings. <https://trademarks.justia.com/732/61/composite-gauging-73261885.html>

Long before the **coating of strings** became popular, KAMAN had already introduced the **DURAFLO**n coating in **1981**, and the **KAMFLON** coating in **1982**. Further developments continued to follow e.g. **1990** brought with it the **release** of the **cold-treated OVATION** strings (**cryogen**).



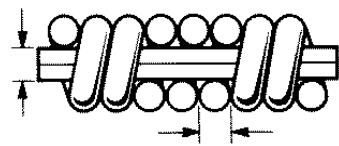
Adamas FEATURES



Very first Original-packaging

The **characteristics** of the ADAMAS string are unmistakable and unique:

- **Composite Gauging:**
4 of the 6 strings are completely different from all other manufacturers. It is striking that ADAMAS strings have developed their own strength gradation. One of the goals is to have a more homogenous feeling of strength and grip under the fingertips.
- For **E6** and **A5** strings, the strings and the spinning material have **identical diameters**. These two strings feel "different" when pressed, they now resemble each other very much in gripping and vibrating behavior.



They oscillate more uniformly and with more defined amplitude. Even sound wise they are not as distinctly different as with some other string producers. It is noticeable that these strings vibrate with more "glowing" sustain than other E6 / A5 strings.

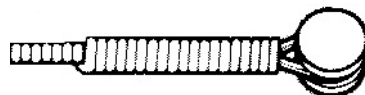
- **A5, G3, and B2** string are a **little bit thinner** compared with other manufacturers' sets. Overall, the set feels "more homogenous" under the fingers.

In the case of the B2 string, this also eliminates an otherwise unbalanced sound strength, the string does not "bounce" when transitioning from the wound G string.

This has an astounding effect on pure acoustic play, but above all with amplified electro-acoustic play.

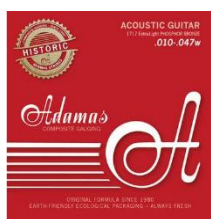
- The **G3 string** has been completely redesigned in material selection. The ratio of core to spun wire and tension. Minimizes the chance of this extremely stressed, tightly wound, thin string, breaking. The additional advantage is that the string is also easier to bend.

- **Closed, solid brass** made of steel or nickel- has many musicians differently/better,



ball ends: Usually ball ends are plated iron. The increase in mass has convinced that the strings swing improving sound.

HISTORIC REISSUE

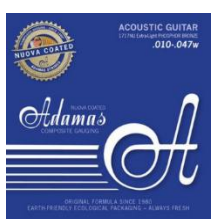


RED packaging - **uncoated**.

High-end premium strings - reissue of the original strings from 1980. Adaptation of the very first ADAMAS string packing

New logo as reference to the original string.

NUOVA COATED



BLUE packaging - **NANO-coated**.

Not comparable to conventional coatings, **NANO-TECHNOLOGY** has less than **1 micron = 0.001 mm**

To our knowledge, only ERNIE BALL does NANO-TECHNOLOGY with their PARADIGM strings (streetprice €18,90).

ADAMAS **NUOVA** has a **coating** on both the **winding wire AND** the **core wire** (no other manufacturer does this!).

Silky feel (not as slippery as a varnish coating!)

Hold up to **6 times longer** than **uncoated** strings.

4-fold String-Marking for easy Identification:

1. **Colors** like the well-known D'Addario system

2. **Numbering** 1 – 6
(From the highest to the lowest tone)

3. **Notes** E6 (**beige-gold**), A5 (**red**),
D4 (**black**), G3 (**green**),
H/B2 (**blue**), E1 (**silver-grey**)



4. **Notes** in addition as Mi, La, Re, Sol, Si, Mi (important in the Mediterranean)

ALWAYS FRESH:



**RED FOIL
HISTORIC REISSUE**



**BLUE FOIL
NUOVA COATED**

All strings are dust and **tarnish-sealed**

Additional info: Individual strings are also dust and tarnish-sealed in plastic + packed in a paper bag.

MARKETING / FREE GIFT:



Each set of strings comes with an **Adamas sticker** - also sticks to vinyl guitar cases!

3 for 2 VALUE PACK

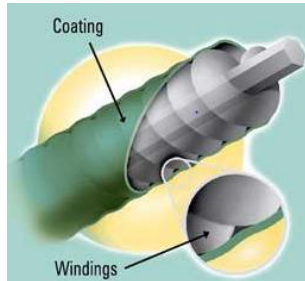
**3 Sets individually packed in 1 carton
With Sticker**



Small technical 2 page excursion: COATINGS

ELIXIR NANO- and POLYWEB:

synthetic fiber cloth is pulled over complete wound strings.

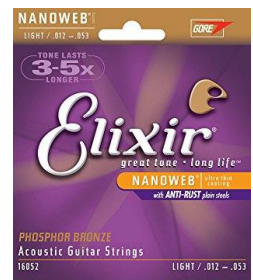


Advantage:

- The string is fully protected.

Disadvantage:

The string feels a lot more smooth and slippery, since the "valleys" between the windings are covered by the artificial fiber cloth.



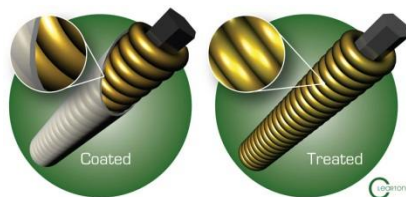
- The hose is worn out over time and frays.

Example of these strings fraying ->



All other coatings:

The wrapping wire is "lacquered" (before it is wrapped around the core). This technique is similar to a lacquered wire used in transformers - is only applied much thinner here.



Advantages:

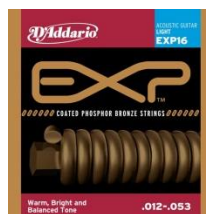
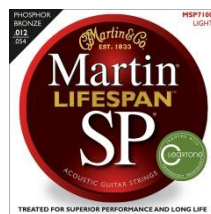
- The wrapping wire is protected all round.
- The string feels more natural, as you can feel "valleys" between the windings.

Disadvantages:

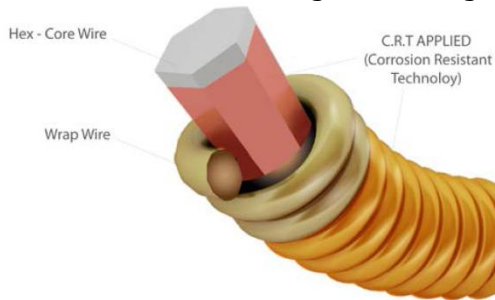
- Many manufacturers keep silent about the coating or non-coating of the core wire. Most manufacturers only handle the wraparound wire. If the string-core is untreated, it can rust by sweat.
- Dirt accumulates in the "valleys" as mentioned before.

Well-known brands:

ClearTone, MARTIN SP LIFESPAN, D'Addario EXP, La Bella Vapor Shield, Ernie Ball Everlast

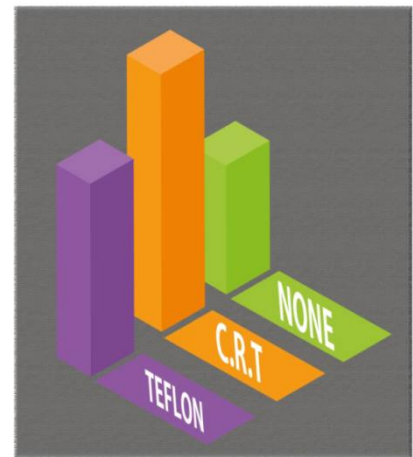


- Protects windings and strings against unwanted moisture, oils and any dirt.



< COATING STRUCTURE >

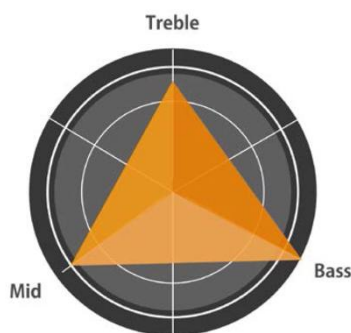
- The ultra-thin coating in the nano range is less than **1 micron = 0.001 mm** and is uniformly applied to both the **winding wire and core before** they are wound to form the string.



< COMPARASION COATING >

Tests with sprayed-on saltwater determined:

- The lifetime is increased by **up to 6 times** longer when compared with **uncoated** strings.
- Compared to a **Teflon** coating, the **NUOVA** coating lasts up to **1.5 times** longer.



< Sound Spectrum >

- The **higher copper content** in the phosphor bronze allows both **stable mid** frequencies and **deep bass** sounds. Creating a **warmer** and **more defined sound** with **increased clarity**.

Due to special material selection and slower spinning times:

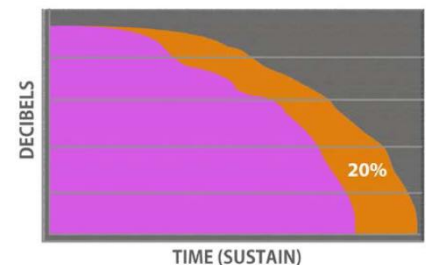
- These strings are **strikingly consistent in keeping tuning stability** and have a lower tendency to **detune** while playing.

In addition, the **new mixing ratio** of copper, tin and phosphorus provides

- Increased flexibility of the string
- Significantly more sustain

Famous Brand with similar coating:

Ernie Ball Paradigm



< Enhanced Sustain >