

## The Postle Difference

Everyone who deals with drill pipe knows the name Duraband®NC. It is the world's most widely requested and accepted hardbanding material. Millions of pounds of Duraband have been manufactured, applied and are still in service. Everyone knows what Duraband is, but not everyone knows its history and where it came from.

Postle Industries is the manufacturer of specialty welding products that protect equipment exposed to wear. Having been in business for more than 50 years, we are known worldwide for high quality and unique hardfacing products. Having our own metallurgical lab, and some very knowledgeable metallurgists, is where the process begins. Very-specialized products are formulated, and then manufactured in Postle's own facility. With well over 100 wires and electrodes, it was only a matter of time until we entered the hardbanding market.

Prior to the arrival of Duraband, hardbanding with cracks, spalling issues, and occasional delamination were common, and accepted. Having to remove old hardbanding prior to re-application was also a common practice. There were no truly reliable hardbanding wires, but Duraband changed all of that.

After decades of manufacturing over a hundred different wires and electrodes for the hardfacing industry, Postle threw its hat into the ring with the introduction of Tuffband®NC. A couple of years later Duraband was introduced. As Bob Miller, Postle's Chief Metallurgist described it, "Duraband is like Tuffband on steroids". And indeed, it was. As they say, the rest is history.

Postle's introduction of Duraband brought a new level of hardbanding acceptance, quality, and standards. With Duraband came the ability to re-apply hardbanding limitlessly, without ever having to remove and rebuild the old material. The competitive products could only be re-applied a few times without having to eventually remove them and rebuild the tool joint before it could be re-applied. Duraband also brought crack-free, and porosity-free hardbanding to the oil and gas industry. Today it is the number one hardbanding product in the world.

Competitive claims that "it's just like Duraband" fall far short once they are put to the test.

The **Postle Difference** is that Postle is a manufacturer, and Postle, along with its Global Tech Centers, supports its products in the field long after the initial sale. Providing training, ongoing technical support, welder certifications, site inspections, on-site troubleshooting and the ability to get Duraband or Tuffband to you quickly is just a part of the support offered by Postle. We have multiple stocking facilities around the world with product available for immediate shipment or pick-up.

The **Postle Difference** is the engineering that goes into the products, its quality manufacturing, and the field and application expertise and that all help ensure that the job gets done right. Drilling for oil and gas is a very expensive and complicated process. The drill string is *the* most-expensive consumable component of the drilling operation. It is also the part that wears out the most. Duraband is both the best, and the most cost-effective way to protect that asset.

The **Postle Difference** starts with  **Duraband®NC**  
by POSTLE INDUSTRIES

## Interesting Fact

**Duraband® NC** Is applied to HWDP Center Wear Pads



**Duraband®NC**

Traditionally hardbanding was not allowed on Center Wear Pads (CWP's), because traditional hardband materials cracked. This was a problem especially on the CWP's because there is more flexing experienced in comparison to the tool joints, and cracking hardbands resulted in failures.

After extensive fatigue testing on crack-free Duraband carried out by US laboratories in 2015, it was proven to be completely reliable for this purpose. Pipe owners have had it applied to protect their HWDP ever since.