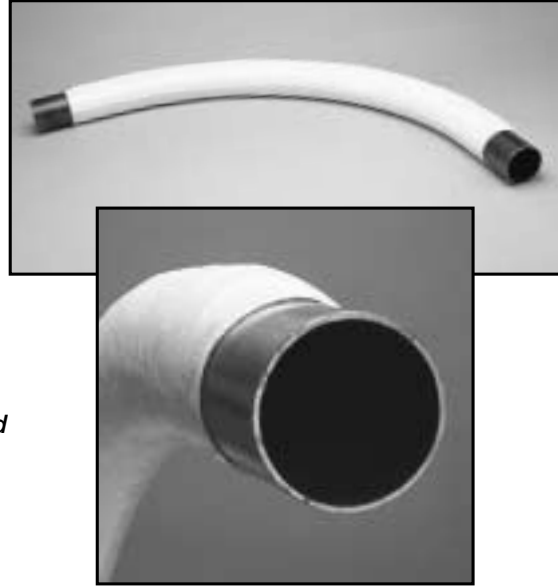
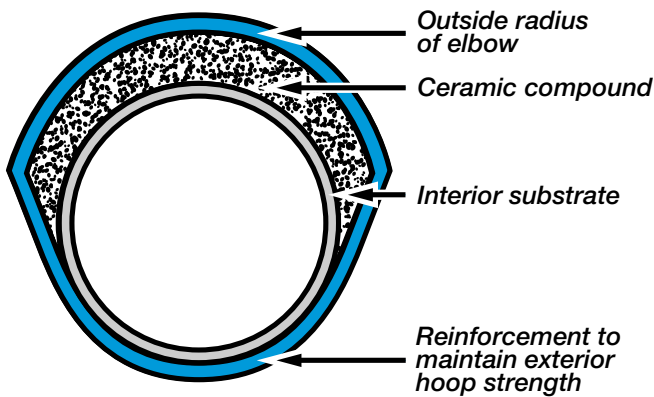


## Ceramic-Backed Elbows

The "CERAM-BACK-ELBOW"<sup>™</sup> has a jacket across the back of the core elbow which is approximately 1/2" of ceramic compound. This compound has a Mohs hardness of 9+, second only to diamond which has a Mohs hardness of 10. The ceramic jacket and core elbow is then wrapped with an exterior material to maintain the hoop strength. Once the ceramic compound has been applied, it receives a finished coat of paint.



## Ceramic-Lined Elbows

Ceramic-lined bends have a uniform coating of a specially formulated ceramic material that is added to the inside diameter of the bend to give it a very hard, slippery, glass-like surface. The hardness of the ceramic coating is between 5 and 6 on the Mohs Scale – as hard as glass and just as smooth. The exterior of the bend has the appearance of annealed steel and can be easily painted.



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