

# HYDRA-STORZ™ SPEC SHEET

FYRELANE USA

## Storz Overview



Hydra-Storz adapters are constructed of forged 6061 aircraft grade aluminum alloy and heat treated to a T-6. The coating on the Hydra-Storz adapter is a MIL-A-8625 Type III anodize. The outer part is hard coat anodized class 2 with a black color dye additive, while the inner part is hard coated anodized class 1 without the color dye additive process. This coating provides a more durable finish to help withstand harsh environments. Benefits of hard coat anodized aluminum would be as follows, corrosion resistance, improved lubrication, increase wear resistance, increase abrasion resistance, flame resistance & non-contaminating. Each adapter is equipped with a set of type 302 stainless steel butterfly vanes designed to automatically open with water flow and automatically close (by use of stainless steel torsion springs) when the water flow is stopped. A stiffener bar is located behind the butterfly vanes protect them from damage and acts as a stream sharper to reduce water friction. Each adapter includes a rubber gasket and stainless set screws. Detail thread specifications will be needed for special threads. The Hydra-Storz™ adapter is exclusively manufactured by: Hydra-Shield Manufacturing Inc. and is a Fyrelane Brand Product.

## THE PART NUMBERS LISTED ARE NATIONAL STANDARD THREADS ONLY

### Part Numbers

### Descriptions

**HYST-4.0-4.0NH**

4" Storz Adapter x 4" National Standard Thread

**HYST-4.0-4.5NH**

4" Storz Adapter x 4.5" National Standard Thread

**HYST-5.0-4.0NH**

5" Storz Adapter x 4" National Standard Thread

**HYST-5.0-4.5NH**

5" Storz Adapter x 4.5" National Standard Thread

**\*Special Threads**

*\*Call for other thread patterns*

## OTHER VARIOUS INFORMATION

### Hydra-Storz™ Quick Connect Hydrant System Info

Why Chose Hydra-Storz™

\*1 Connect in 3 Seconds or less with Hydra-Storz™

1. Response time: 10% of fires account for 90% loss of life & property! A typical house fire takes 7 minutes from start to out of control involvement! 1 minute to receive the call and dispatch, 3 minutes in route to fire, 1 ½ minutes to get the first drop of water on the fire that's 5 ½ minutes. That leaves you with 1 ½ minutes to control the fire.
2. No frozen blind caps or frozen chains that can damage nozzles.
3. Eliminate Cross Threading, which can put your hydrant out of service.
4. It standardizes your hydrants to fit your fire trucks need for 5" storz or 4" storz connection and limits the use of threading adapters at the scene.
5. Coating is a durable Mil Spec. MIL-A-8625 Type III anodize. (outer is class three (3) color dye black and the inner is a class (1) one non-dye.)

### Sole Source Contact Info

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\*1 The Hydra-Storz™ adapter must be used without a blind cap to utilize its full potential in connecting in 3 seconds or less, if you utilize a blind cap (or other various items to block the connection port or grooves) this could add more seconds to the time of connecting to the Hydra-Storz™ adapter, its sole design is to be used as is.