

# HYDRA-STORZ™ SPEC SHEET

## HYDRA-SHIELD MANUFACTURING

### Storz Overview

Hydra-Storz™ Adapter



Hydra-Storz™ adapter is constructed of A-356 high strength aluminum alloy. The storz sealing surface is a machined metal seat to help eliminate gasket sealing problems. The threads, metal seat area, and outside metals are clear coat anodized for protection from the elements, with option of painting (grayish color) 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.

### 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-NS

5" Storz Adapter x 4" National Standard Thread

HYST-5.0-4.5NH-NS

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

We are here to help protect our communities just like you. Hydra-Shield Mfg, Inc. Products were invented to help protect us at a faster pace and that's why Hydra-Storz™ adapters are a great choice for water departments, fire departments and the military installations across the world.

Why Chose Hydra-Storz™

\*<sub>1</sub>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.

#### Sole Source Contact Info

Hydra-Shield Manufacturing Incorporated  
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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.