# **The SHURJOINT**®

## E-24

## **SPRINKLER HUBS**

#### MODELS 850, 851 & 853

The *Shurjoint* Sprinkler Hubs are grooved-end manifold fittings with a number of threaded outlets to accommodate flexible sprinkler hoses. The Sprinkler Hubs can also be used in combination with flexible sprinkler hoses and traditional hard piping depending on your requirements. These fittings work as a hub for multiple flexible hoses and or hard pipe runs, thus reducing the number or headers, drop nipples and fittings required. All outlets are 1" NPT or BSPT. Maximum working pressure 300 psi (20 bar, 2.0 MPa) CWP. cULus listed and FM approved. The C-to-E dimensions conform to ANSI B16.3 Class 150.



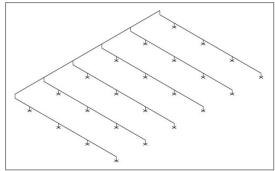


For Fire Protection pressure rating, listing, and approval information, refer to Data Sheet B-42 or visit **SHURJOINT** website, <u>www.shurjoint.com</u>for details or contact your **SHURJOINT** Representative.



<mark>Before</mark> Single outlet

<mark>Before</mark> Conventional



## **MATERIAL SPECIFICATIONS**

• Body:

Ductile iron to ASTM A536 Gr. 65-45-12 and or ASTM A395, Gr. 65-45-15, min. tensile strength 65,000 psi (448 MPa)

• Threads:

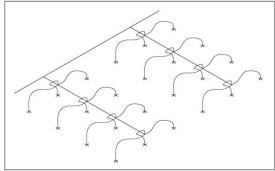
NPT or BSPT (female)





Full warranty terms can be found on www.shurjoint.com

After Using Sprinkler Hubs

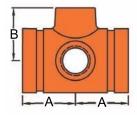


• Body coating:

Orange color painted or red RAL3000 color painted. Bare metal with a thin layer of rust-prevention oil Hotdip galvanized



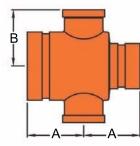
#### MODEL 850 SPRINKLER HUB - 3 OUTLETS





Model 850 Sprinkler Hub					
Size	Α	В	N.W.		
in	in	in	Lbs		
mm	mm	mm	kgs		
2 x 2 x 1 (3)	2.38	2.02	2.20		
50 x 50 x 25 (3)	60	51	1.00		
2½ x 2½ x 1 (3)	2.38	2.25	2.75		
65 x 65 x 25 (3)	60	57	1.25		
(): Number of outlets					

### **MODEL 851 REDUCING SPRINKLER HUB - 3 OUTLETS**

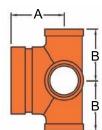




Model 851 Reducing Sprinkler Hub						
Size	Α	В	N.W.			
in	in	in	Lbs			
mm	mm	mm	kgs			
2 x 1½ x 1 (3)	2.38	2.02	2.20			
50 x 40 x 25 (3)	60	51	1.00			
2½ x 1½ x 1 (3)	2.38	2.25	2.65			
65 x 40 x 25 (3)	60	57	1.20			
2½ x 2 x 1 (3)	2.38	2.25	2.86			
65 x 50 x 25 (3)	60	60	1.30			

(): Number of outlets

#### **MODEL 853 SPRINKLER END HUB - 4 OUTLETS**





Model 853 Sprinkler Hub						
Size	Α	В	N.W.			
in	in	in	Lbs			
mm	mm	mm	kgs			
1½ x 1 (4)	2.38	1.80	1.76			
40 x 25 (4)	60	46	0.8			
2 x 1 (4)	2.38	2.02	2.20			
50 x 25 (4)	60	51	1.00			
2½ x 1 (4)	2.38	2.25	2.64			
65 x 25 (4)	60	57	1.20			
(): Number of outlets						

General Notes:

- Pressure Ratings for fittings conform to the working pressure of the coupling used to join the system.
- Listed and or Approved Pressures are pressure ratings for fire protection systems, tested and approved by various approval bodies. Please always refer to the latest approval data posted on the Shurjoint website.
- Field Joint Test: For one time only the system may be tested hydrostatically at 11/2 times the maximum working pressure listed (AWWA C606 5.2.3).
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- The 10 Year Limited Warranty applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- Shurjoint reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.