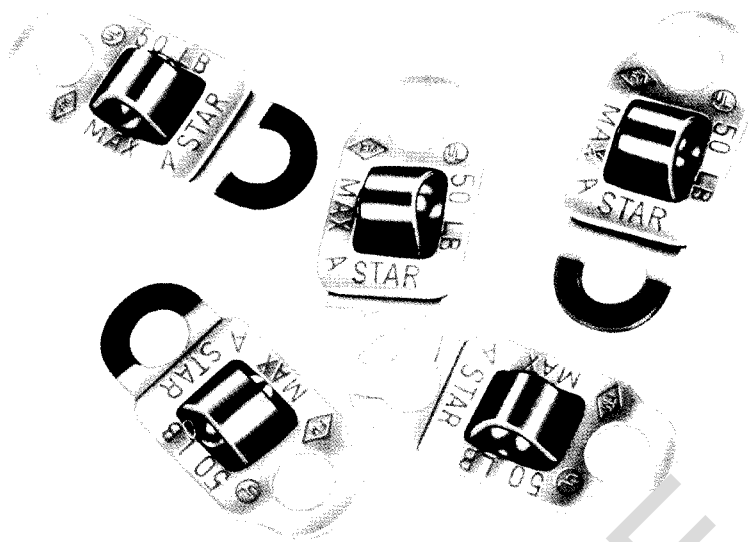


# Product Data: FUSIBLE LINK



## GENERAL DESCRIPTION

The Star Fusible Link is a heat-activated releasing device designed for installation in mechanically operated systems requiring a positive-acting release mechanism. Star fusible links are used extensively as releasing devices in restaurants and industrial fire protection systems, as well as in heat-activated counter-balanced systems such as fire doors.

## OPERATION

The Star Fusible Link consists of a two-piece stainless steel strut "locked" together by the same type of operating mechanism as used in many Star Sprinklers. This operating mechanism consists of a fusible alloy sealed in the center of a bronze tube by a stainless steel ball. When the alloy melts, this fusible assembly compresses, allowing it to eject from between the two-piece strut. The strut assembly is then separated by the tension exerted from the cable and "S"-hook assembly, which in turn activates the intended fire protection system or device.

Maximum Ambient Air Temperature	Temperature Rating/Marking	Color Code	Classification	Approvals		Part No.
				UL	FM	
100°F/38°C	135°F/57°C	Black	Ordinary	•	•	1882-01
100°F/38°C	150°F/66°C	None	Ordinary			1882-21
100°F/38°C	70°C	None	Ordinary			1882-22
100°F/38°C	165°F/74°C	None	Ordinary	•	•	1882-02
150°F/66°C	212°F/100°C	White	Intermediate	•	•	1882-03
150°F/66°C	100°C	White	Intermediate			1882-23
200°F/93°C	250°F/121°C	Blue	High	•		1882-24
225°F/107°C	286°F/141°C	Blue	High	•	•	1882-04
300°F/149°C	350°F/177°C	Red	Extra High	•		1882-25
300°F/149°C	360°F/182°C	Red	Extra High	•	•	1882-05
475°F/246°C	500°F/260°C	Orange	Ultra High	•	•	1882-07

## TECHNICAL DATA

### Listings/Approvals:

UL listed and FM approved as noted above.

## INSTALLATION

Min. load - 5 lbs. (2.27 Kg)  
 Max. load - 50 lbs. (22.7 Kg)  
 Install on "S" hooks part #1882-08.

## MAINTENANCE AND SERVICE

Fusible links should be replaced at least annually when installed in commercial type cooking

equipment and ventilation systems. See NFPA No. 96 "Vapor Removal From Cooking Equipment". Refer to NFPA No. 13A "Care And Maintenance of Sprinkler Systems" for further information.

## ORDERING INFORMATION

Please specify:

- Quantity
- Temperature Rating
- Part No.
- Quantity of "S" hooks

**Availability and Service**

Star Sprinkler Corporation products and devices are available worldwide through a network of distributors. For information please write Star Sprinkler or call 1-800-558-5236.

**WARRANTY**

Seller warrants for a period of one year from the date of shipment (warranty period) that the products furnished hereunder will be free from defects in material and workmanship. *For further details on warranty, contact Star Sprinkler Inc.*

