

Aisle Containment - Retractable System

GUIDE SPECIFICATIONS

1.0 GENERAL

1.1 SUMMARY

This specification shall define the mechanical characteristics and requirements for the Aisle Containment - Retractable System.

The Retractable System is a metal cassette housing available in 4 ft. (1.2m) or 6 ft. (1.8m) aisle width and either 20 ft. (6.1m) or 30 ft. (9.1m) aisle length.

1.2 STANDARDS

The product shall be designed in accordance with the following agency standards or certifications. Where a conflict arises between these documents and statements made herein, the statements in this specification shall govern.

- 1,000 Hours U.V. - ASTM Weatherometer
- Meets requirements of California Fire Marshal
- NFPA-701 (Standard for flame / fire retardancy tests for films) compliant
- Standard for testing fade resistance to UV light
- Fusible link; UL# JGIX.R1431 model J

2.0 PRODUCT

2.1 RETRACTABLE SYSTEM

The Retractable System shall be a spring-loaded cassette that comes with a snap-together rail system which the vinyl curtain rides on, for a tool-less installation. This system shall require uniform racks heights and row lengths, and it may be used with equipment by other manufacturers.

Two Retractable Systems may be used for aisles exceeding 30 ft. (9.1m) in length. The metal cassette is attached to the top of the racks at one end of the aisle and the vinyl is pulled out and guided through the track to the opposite end of the aisle where it is attached by a fusible link to the end rail. There are four different options for this system:

Retractable Roof			
Cassette Width in. (mm)	Aisle Width ft. (m)	Max Row Length ft. (m)	P/N
62 (1574.8)	4 (1.2)	20 (6.1)	DC60X20RS
		30 (9.1)	DC60X30RS
86 (2184.4)	6 (1.8)	20 (6.1)	DC84X20RS
		30 (9.1)	DC84X30RS

- **Aluminum Track:** Black anodized aluminum with an ultimate tensile strength of at least 22,000 psi (1517 Bars)
- **Spring-Loaded Roof Specifications:**
 - Diameter: 2 in. (50.8mm)
 - Wire Diameter: 0.25 in. (6.35mm)
 - Direction of Helix: Right Hand
 - End Configuration: Closed
 - Material: Oil Tempered Wire
- **Vinyl Specifications:**
 - Weight: 16 oz./sq. yd. 0.45kg/0.8 sq.m.
 - Tensile Strength: 165 lb. x 165 lb. (74.8kg x 74.8kg)
 - Tear Strength: 55 lb. x 55 lb. (24.9kg x 24.9kg)
 - Adhesion: 15 lb. / 2 in. (6.8kg / 50.8mm)
 - Cold Crack: -20°F (-29°C)
 - Light Transmission Factor: 65-66
 - Treated for Mildew Resistance and Ultraviolet Resistance

2.2 FUSIBLE LINKS

Listed by Underwriters Laboratories and FM Global. Mechanical heat activated. Maximum load = 45 lb. (20.4kg); Minimum load = 3 lb. (1.4kg). Corrosion resistant construction, brass components, high strength symmetrical shape, solid eye-to-eye connection.

3.0 WARRANTY (U.S. SALES ONLY)

3.1 STANDARD WARRANTY

The Retractable System shall be warranted against defects in materials and workmanship for two (2) years from the date of shipment. For the complete warranty terms and description, refer to the separate warranty statement at www.liebert.com.