

Test: Hanger Ease of Movement

Purpose:

To compare how much force it takes to slide a typically weighted suit hanger on SCHULTE, Lee/Rowan, and Closet Maid shelving.

Method:

4-1/2 lbs. were added to a typical suit hanger*. The hanger was then hung on an installed piece of each manufacturer's 12" Shelf with Hanging Rod. A laboratory digital scale was attached to the hanger and pulled from rest, parallel to the shelf.

*4-1/2 lbs was used to represent the typical weight of a man's suit.

Results:

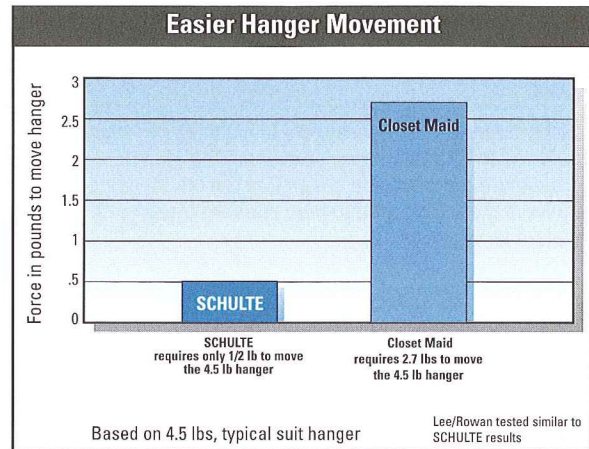
The Closet Maid shelf required 2.7 lbs. of force to move the 4-1/2 lb. hanger. The SCHULTE shelf required 1/2 lb. of force to move the hanger.

Based on results, to move 10 suits aside on Closet Maid shelving it would take 27 lbs. of force, whereas, the same test would take only 5 lbs. for 10 suits on SCHULTE shelving.

In this test Lee/Rowan performed similarly to SCHULTE.

Observations/Comments:

As expected, the softness of vinyl coating, like Closet Maid uses, made it harder to move the hanger. Just letting the hanger rest for 2-3 minutes while we hooked up the gauge, an indentation already started to form.



Test: Coating Corrosion

Purpose:

To determine the corrosion resistance of SCHULTE, Lee/Rowan, and Closet Maid ventilated shelving.

Method:

1-foot sections of SCHULTE, Lee/Rowan, and Closet Maid 12" linen shelving were placed in a standard salt spray booth ASTM B-117. The booth was run for 250 hours and parts were checked. Parts were re-checked at 500 hours.

Results:

At 250 hours no corrosion/rust showed on any of the three shelf sections. At 500 hours, all three samples showed rust at all intersections.

Observations/Comments:

This test is used to simulate full outdoor exposure.

250 hours = approximately 10 years outdoors

500 hours = approximately 20 years outdoors

The purpose of this test is to predict the life of the shelf under normal moisture conditions. This test does not seem applicable to our product except to say that the shelf coating would last a lifetime at it's intended use.

Rust Visibility			
	SCHULTE	Lee/Rowan	Closet Maid
250 hours	No	No	No
500 hours	Yes	Yes	Yes