

SCRS Red Spot Waxed Cotton Sash Cord Data Sheet

The Red Fleck Waxed sash cord features a polyester core for enhanced durability. This traditional cord utilizes natural materials, originally used in Victorian sash windows and now synonymous with period properties. The red "flecks" serve as an identifier, distinguishing it as a cotton cord that offers greater strength and weight-bearing capacity compared to the all-white version. Generally, cotton cords support lighter sash weights than synthetic alternatives like polyester and nylon, but they excel in knot retention, particularly in warm climates. Available in 100m coils and 20m lengths, it comes in two sizes: 7mm and 8mm diameter. The 8mm diameter cord supports a maximum sash weight of 75kg.

- Lower cost compared to synthetic cords such as nylon and polyester.
- Features an 8-plait cotton outer with a polyester core, coated with a high wax content on the exterior.
- Red "fleck" markers on the surface indicate superior strength and weight-bearing capacity compared to standard waxed cotton sash cords.
- Excellent UV resistance.
- Available in two diameters: 7mm and 8mm.
- Breaking load: Ø7mm = 230kg, Ø8mm = 330kg.
- Polyester core enhances strength, while the waxed outer layer boosts durability.
- Demonstrates high tensile strength suitable for its intended use.
- Wax coating offers good abrasion resistance and facilitates smooth window operation.
- Maximum sash weight: 7mm = 50kg (110lb), 8mm = 75kg (165lb).
- Cord is supplied pre-stretched for immediate use.
- Waxed outer layer protects the cord and simplifies cleaning and maintenance.

Property	Result
Relative Density	1.15 g/cm ³
Melting Point	190 - 350 °C
Breaking tenacity	7.8 – 10.4 g/denier
Elongation at break	15 – 28%
Thermal Conductivity	0.25 w/(m-k)

Installation Instructions:

Measure the cord to the correct length using your preferred method, e.g., Figure of Eight.

Unscrew the pocket at the bottom of the side jamb. Cut the sash cord to the required length and feed it down through the pulley until it can be pulled out of the bottom of the jamb.

Thread the cord through the center of the lead weight and tie a knot at the end to secure it.

Feed the cord and lead weight into the side jamb and reattach the pocket.

Fix the sash cord to the routed groove (using a cord cleat) approximately midway down the sash.

Repeat this process for the opposite side of the sash, ensuring the sash is horizontal.

Check that the sash slides freely and adjust as required.

Maintenance and Installation:

This product is not subject to routine replacement programs. It is recommended that customers check all sash cords regularly to ensure that the product works properly in its application. Replace any damaged components.

DO NOT use any chemical cleaners, as they can contain harmful substances that may attack the brass and tarnish the surface. Use warm soapy water instead.

Quality Approval:

This product operates under a Quality Management System that meets the requirements of ISO 9001:2008 and is independently verified by BSI Quality Assurance under certificate No. FM10371.