

## Waxed Cotton Sash Cord – CC712 / 714

### Product Intro:

The Reddiseals cord collection is a carefully chosen selection of the finest and most popular sash cords. The Waxed Cotton sash cord has a polyester core for added strength. It is a traditional cord using a natural material, historically used in sash windows. Cotton sustains a lower sash weight than synthetic materials (such as polyester and nylon), however it has superior knot retention, especially in hot conditions. This is the "entry level" cord, which will sustain the weight of smaller and lighter windows. It is supplied in 100m coils, in 3 different sizes: 6mm; 7mm and 8mm diameter. 15m knots are also supplied in the 6mm & 7mm diameter cord. The 6mm-diameter cord holds a maximum sash weight of 30Kg; 7mm cord holds 40Kg and the 8mm cord holds 50Kg.

### Product:



### Features:

- Lower price than synthetic cords (such as Nylon and polyester).
- 8 Plait cotton outer with a polyester core with a high wax content on the outer layer.
- Very good resistance to UV light.
- Supplied in 3 diameters – 6mm; 7mm & 8mm.
- Breaking load: Ø6mm = 80Kg; Ø7mm = 100Kg Ø8mm = 145Kg.
- All white cord, no coloured braids.
- Polyester core provides additional Strength and the wax outer layer improves durability.
- Demonstrates good tensile strength for it's application.
- Wax provides good abrasion resistance and helps the smooth operation of the window
- Maximum sash weight: 6mm = 30Kg (66lb) / 7mm = 40Kg (88lb) / 8mm = 50Kg (110lb).
- Cord is supplied pre-stretched.
- Waxy outer layer helps protect the rope and make it easier to clean / maintain.

### Product data:

- Can be used with all Reddiseals pulleys.
- Use the sash cord cleat to fix to the sash.
- For use with the curved pulley wheels.
- Use with pulleys with the same weight bearing capacity.
- Supplied in 100m coils on durable plastic reels & 15m knots for the 6mm & 7mm sizes.

#### Technical data:

Property	Result
Relative Density	1.54 – 1.56 g/cm <sup>3</sup>
Melting Point	Decomposes after prolonged exposure to temperatures of 150°C or over
Breaking tenacity	3.0 – 5.0 g/denier
Elongation at break	10 - 12%
Thermal Conductivity	0.029 w/(m-k)

Good Abrasion resistance – wax smoothes the surface limiting wear.

The waxed outer layer exhibits a very low co-efficient of friction.

The wax keeps the surface smooth and “self lubricating”, making the pulley operate efficiently.

Good weather resistance and UV resistance.

Good durability with medium tenacity fibres.

Polyester core offers additional tensile strength.

Superior knot retention.

The waxed outer layer provides a good resistance to ageing, which gives the cord a longer life span.

The waxed outer layer helps the resistance to water absorption, rot, mildew, mold and many chemicals.

Demonstrates good wicking ability.

**Life Cycle** – 10 years, provided the Sash Cord is installed in accordance with the requirements given in the data sheet.

#### Installation Instructions:

1. Measure the cord to the correct length using preferred method, e.g. Figure of eight.
2. 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.
3. Thread the cord through the centre of the lead weight and tie a knot in the end to secure.
4. Feed the cord and lead weight into the side jamb and re-attach the pocket.
5. Fix the sash cord to the routed groove (using a cord cleat) approximately midway down the sash.
6. Repeat this process for the opposite side of the sash, making sure the sash is horizontal.
7. Check that the sash slides freely and adjust as required.

#### Maintenance and Installation:

As this product is not subject to routine replacement programs, Reddiseals recommend that the customer 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 because they can contain harmful chemicals that may attack the brass and tarnish the surface – Use warm soapy water.

#### Quality Approval:

Reddiseals operates a Quality Management System that meets the requirements of ISO 9001:2008 and is independently verified by BSI Quality Assurance under certificate No. FM10371. Copies of this approval are available on request.

#### Product Guarantee:

Reddiseals gives a guarantee on the Sash Cord, which covers product failure due to manufacturing defects for a period of 10 years from date of purchase, but excludes misuse, negligence or accidental damage to systems. The guarantee will not apply to any products deemed by us to have been modified or repaired by someone other than ourselves.

#### Other Information:

The information contained herein is correct to the best of our knowledge. Recipients of our products must take responsibility for observing existing regulations and standards. Due to our policy of continuous improvement, Reddiseals reserves the right to amend specifications without prior notice.