

SCN Nylon Sash Cord Data Sheet

Our heavy-duty Nylon sash cord is designed for durability and strength, ensuring long-lasting performance. It features a classic all-white appearance without any colored braids. Nylon provides a high breaking load, making it effective within its strength limits. Additionally, the cord is now available in black, which is perfect for dark hardwood windows and offers a cleaner look. The cord is supplied in two sizes: 6mm and 8mm diameter. The 6mm diameter cord supports a maximum sash weight of 50Kg, while the 8mm diameter cord can handle up to 75Kg.

- Heavy duty, solid braided nylon cord.
- Strong and durable material.
- High tensile strength.
- Very good resistance to UV light.
- Very good abrasion resistance.
- Cord is supplied pre-stretched.
- Supplied in 2 diameters – 6mm & 8mm.
- Breaking load: Ø6mm = 300Kg; Ø8mm = 600Kg.
- Maximum sash weight: 6mm = 50Kg (110lb) / 8mm = 75Kg (165lb).
- 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
- Supplied in white in both sizes (6 & 8mm)
- All white cord, no coloured braids.

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.