
Technical Data Sheet

Product Description

Coats Signal C302 200 retro-reflective piping is made from a high quality reflective tape, inner cord and lining. Suitable for a wide range of high visibility and decoration applications. When illuminated by a light source, it helps to enhance the visibility in nighttime or difficult weather conditions.

Product Construction

The product is made from a high quality reflective tape, inner cord and lining. High performance glass beads laminated on a durable polyester / spandex fabric backing ensure maximum retro-reflectivity as well as durability. The daytime colour is silver and when illuminated by light the reflected colour is white. Thanks to a special manufacturing process there are no joints in the piping which would impair the appearance of the end use product. This is unique in the market.

Areas of Applications

Coats Signal C302 200 reflective piping is suitable for high visibility and decoration applications such as sportswear, clothing for cyclists, children and pedestrians as well as accessories like backpacks.



Reflective Performance

Coats Signal C302 200 delivers maximum retro reflective performance. The typical reflective performance (RA in cd/lux/m²) according to EN ISO 20471, table 4 is shown below.

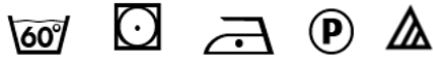
Observation angle	Entrance angle	Coats Signal C302 200	Minimum norm requirement
12'	5°	400	330

Article Number

Art. No.: C302 200 - spool of 100 m

Care Instructions

Domestic Wash



Physical Performance

Coats Signal C302 200 meets or exceeds in origin the performance as per EN ISO 20471, clause 6.1 as well as the requirements in clause 6.2 after domestic washing. The following table shows the detail specifications.

Tests	Details
Retro reflective performance in origin	EN ISO 20471:2013, pt. 6.1, table 4 and 5 Test method: CIE 54.2
Retro reflective performance after pre-treatment	EN ISO 20471:2013, point 6.2, table 6 Test method: CIE 54.2
Domestic wash 60°C	EN ISO 6330, method 6N+F, 25 cycles
Dry clean	EN ISO 3175-2:2010, perchloroethylene

Storage

Coats Signal reflective tapes should be stored in a cool and dry place with low humidity. The used rolls should be returned back to original packaging or suspended from the middle by using a rod.

General Safety Information

Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure herself or himself that the product meets end customer requirements and is suitable for the intended end use. Coats accepts no liability for unsuitable or improper use or application of products.

Information provided above is based on current averages and should be taken only as indicative. Coats accepts no liability for the preciseness and correctness of the information provided.

Product information sheets are updated from time to time, please be sure you are referring to the most recent publication. Coats supports customers with advice on individual applications on request; if you have any questions or concerns, please contact us. Coats Signal cannot guarantee an absolute visibility especially in severe weather conditions.

Further Assistance

Please contact your local Coats representative for further assistance.