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**TESSILMARE®**

RADIAL®

TOOLS



A4 (316 L) type self-drilling screws

Flat Head Style (TPS)

For RADIAL 30: Phillips Screw Size N. 6, Head 6,8 mm, Shank 3,5 mm

For RADIAL 40: Phillips Screw Size N. 8, Head 7,5 mm, Shank 3,9 mm

For RADIAL 52, 65, 80: Phillips Screw Size N. 10, Head 9,5 mm
Shank 4,8 mm



WARNING: it is better not to use A2 screws

Drill and Screwdriver



Tip 4/4,2 mm



Industrial dryer, only for application
with difficult bends



Cutter

RADIAL PROFILES – ASSEMBLY INSTRUCTIONS



PROJECTED AND DESIGNED BY TESSILMARE IN ITALY

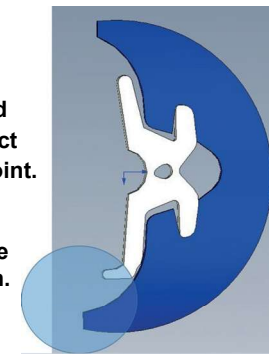
PATENTED



IMPORTANT:

Both the Track and Soft Profile must be mounted with the longer lip downward to insure the correct installation to properly cover the hull and deck joint.

Do not attempt to install Radial products on flat surfaces. For applications on flat surfaces please contact our customer service prior to installation.



1. APPLICATION OF THE DURALENE RIGID TRACK



The rigid PVC track is very flexible can be cold fit. It perfectly follows the bends of the boat, with the exception of very acute bending radius (also only 8/10 cm – see table)



If the radius to follow are lower than these values, please contact our customer service for further instruction



The track can be fixed with blind rivets or self drilling screws in stainless steel A4 (316).

Do not use any strong heat source, as this will damage the track. The track can easily be bent by hand

2. APPLICATION OF THE PVC PROFILE



The external profile can be installed cold for the sizes 30,40 and 52. However, leaving the profile overnight in a warm environment will make the operation even easier.

For the sizes 65 and 80 pre-heating is necessary. You can immerse the profile in a tank of water and an industrial stove leaving the profile to soak for 30/60 minutes at 40-60° degrees Celsius (105 to 140 Fahrenheit), or an industrial oven. If the weather allows, a few hours in sun will also pre-heat the profile.

Do not use high temperature ovens or microwaves ovens that will over-soften the external part (and can burn it). The profile should become uniformly soft.



1. Starting from the transom attach the first 20 cm (8 inches), then bend back the profile (see photo above or review video) to force the profile to spread apart and to roll onto the fins of the track

2. Continue this process in the direction of the bow. Approx. every meter (3 feet), pull or stretch the profile of 2-3 cm so that it has a tight and proper fit along the track.

3. Complete the same process throughout entire installation on the boat.

4. Affix the ends of the profile with one or two screws and you cover with the end caps or joint caps.

The installation is quick and easy and the result will be seamless and durable

3. BENDING OF THE PROFILE



Follow the table for the information regarding the minimum bending radius.

Horizontal or vertical bends with radius more than 40 cm 1 ½ inch) will be done directly on the boat. By bending step by step until the completion of the bend, the boat will function as a template for the installation.

For more acute radius, we suggest to visit our YouTube video channel or contact our customer service who will give you additional information.

The light use of a heat gun can make stretching the profile near the bends smoother if there is a slight buckle or imperfection. When warmed, the soft profile can be molded easier and clamped so that it cools in place on a difficult bend.

ITEM	DESCRIPTION	WEIGHT	MIN BENDING RAD	PACKAGING	PACKAGING
130-141-006	track Radial 30	5 oz/yd	2"	bundle	78'
		181 g/m	50 mm		24 m
130-141-011	track Radial 40	10 oz/yd	2-3/8"	bundle	78'
		310 g/m	60 mm		24 m
130-141-016	track Radial 52	14 oz/yd	2-3/4"	bundle	78'
		432 g/m	70 mm		24 m
130-141-021	track Radial 65	14 oz/yd	3-1/8"	bundle	78'
		432 g/m	80 mm		24 m
130-141-026	track Radial 80	17 oz/yd	3-7/8"	bundle	78'
		530 g/m	100 mm		24 m

4. ACCESSORIES INSTALLATION

Cut the profile and fix the final parts with a screw. After fixing the ends, complete with end caps or joint caps. They must partially overcome the end of the profile (they must not be fixed on its side).

5. CLEANING

The PVC surfaces can be cleaned with a liquid degreaser.

ATTENTION

Some specific products for the PVC cleaning, if not diluted correctly, can damage the profile irreparably.