

DIY LED Lightsaber Padded LARP Blade Guide

Core: 1"OD 3/4"ID 1/8" walled polycarbonate clear tube.

Length and Thickness: 10 inch minimum length. Foam must be 2# XLPE or similar, with a minimum 1/2 inch thick on striking edges.

Lightsaber colors: (required) red, orange, yellow, green, blue, or purple. White means the weapon is "off".

Instructions for Pool Noodle Builds:

Measure the pool noodle to just above where the tube is inserted into the handle to 1/2 to 3/4 of an inch above the tip. Slice the noodle in half lengthwise.

Using Spray 77, or contact cement, to glue the noodle to the tube starting from the bottom working your way up, sealing the sides and the tip.

Spray coat with either clear Plastidip or clear latex (about 6-8 equal coats)

Use a flexible clear sealant such as Frog Juice, Through the Roof, or Krylon Crystal Clear acrylic finish.

Instructions for Foam Wrap Builds:

Measure foam sheet to just above where the tube is inserted into the handle to 1/2 to 3/4 of an inch above the tip. Cut Sheets to size.

Using Spray 77, or contact cement, to glue the foam to the tube starting from the bottom working your way up, sealing the sides and the tip. This will take many layers of both foam and glue.

Spray coat with either clear Plastidip or clear latex (about 6-8 equal coats)

Use a flexible clear sealant such as Frog Juice, Through the Roof, or Krylon Crystal Clear acrylic finish.

Important Notes:

Ensure your blade tip is filled, sealed, and shaped.

Apply adhesive layers to both surfaces.

Adhesive will become extremely tacky very quickly, make sure you have your set up laid out ahead of time and test fit.

DAP Clear Silicone Latex can be used to fill gaps and minor surface blemishes before applying a clear sealant finish.