Finally, if a laser is placed at the end of the bar, and a light pipe cylinder is stood upright and pressed against it, light can be extracted along the cylinder. This light extraction is useful in some designs and can also be accomplished by roughening the portion of the mold where the light extraction is desired.

Points to note:

- SILASTIC™ MS-1002 Moldable Silicone has a UL 94 HB at 1 mm and V-1 at 8 mm rating.
- Hold part by one end and note the rigidity along the thickness.
- This part can be used to demonstrate long, flexible light guides (125 mm).
- Light can be bent and directed using a laser on one end.
Learn more

We bring more than just an industry-leading portfolio of advanced silicone-based materials. As your dedicated innovation leader, we bring proven process and application expertise, a network of technical experts, a reliable global supply base and world-class customer service.

To find out how we can support your applications, visit consumer.dow.com/lighting.

SiLASTIC™

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer’s tests to ensure that our products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow’s sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, DOW SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

DOW DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

© 2019 The Dow Chemical Company. All rights reserved.