

# L40S-Series PTFE Coated Fiberglass Tape

## Premium Grade

**W.F. Lake Corp.** manufactures its PTFE coated fiberglass tape using the latest coating technology. First we impregnate the fiberglass substrate, then lay down multiple coats of PTFE to build pure PTFE thickness and finally, prepare or “etch” one side for coating with high temperature Silicone pressure sensitive adhesive. By combining premium quality PTFE Coated Fiberglass Fabrics with High Temperature (550 deg F) Silicone adhesive systems, we’ve made an adhesive tape designed to operate in a wide variety of environments including extreme temperatures and chemical exposure... and it releases cleanly from almost any material!

### Features

High Temperature Resistance  
 High Strength Fiberglass Substrate  
 Dimensional Stability  
 Uniform PTFE coating  
 Excellent Adhesion  
 Flexibility

### Benefits

Non-Stick  
 Low Friction  
 High Wear  
 Chemical Resistance  
 Thermal Shock Resistance  
 Flexibility

### L40S- Series

### Product Data

Product #	L40S-3R	L40S-5R	L40S-6R	L40S-10R
<b>Backing</b>	- - - PTFE Coated Fiberglass Fabric - - -			
<b>Backing Thickness (in.)</b>	0.003”	0.005”	0.006”	0.009”
<b>Total Thickness (in.)</b>	0.005”	0.007”	0.008”	0.011”
<b>Adhesive System</b>	- - - High Temperature Silicone PSA, 550 F. max. - - -			
<b>Adhesion to Steel (oz./in.)</b>	40	40	40	40
<b>Elongation (% @ break)</b>	<5%	<5%	<5%	<5%
<b>Operating Temp. (deg.F)</b>	minus 100 to +550 deg F ( 287 deg C)			
<b>Color</b>	- - - - - - - - - “Natural” / Tan - - - - -			

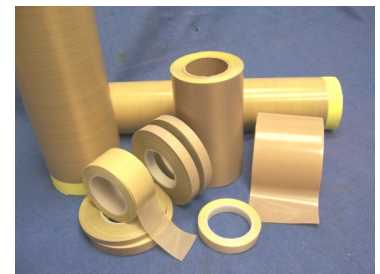
**Release Liner** is standard (yellow). Some products are available without liner.  
**Elongation** of fiberglass fabrics is less than 5%  
**Operating Temperature:** Min -100 to Max 550 deg. F. (287 deg. C.)  
**Thickness** shown is nominal, however, most fabrics and tapes are +/- 10%.  
**Widths** are available from 1/2” to 18”. **Standard Lengths:** 18 or 36 yds.  
 Please consult the factory or W.F. Lake Corp. literature for available alternatives.  
**Values are typical and should not be used for writing specifications.**  
**All data is subject to change without notice.**

### W.F. Lake Corp.

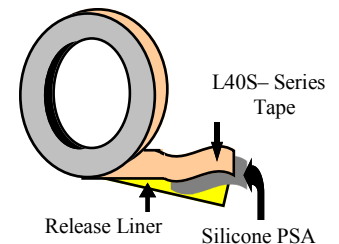
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550 deg. Fahrenheit



287 deg. Celsius



### Applications:

- Packaging
- Heat Sealing Poly Bags
- Blister Packaging
- Thermal Film Lamination
- Thermal Transfer Presses
- Vinyl Window Manufacturing



High Performance PTFE & Silicone Coated Products

*W.F. Lake Corp. manufactures high performance PTFE and Silicone coated products designed for extreme operating environments. Our non-stick, temperature and chemical resistant materials are uniquely suited for a wide variety of specialized industrial applications in a number of diverse industries. By combining our broad based in-house processing and converting capabilities, we are able to offer you creatively engineered products especially suited to your application. Give us a call to discuss your material needs... we're ready to help!*

***We manufacture the industry's widest range of  
PTFE Coated Fiberglass products !***



**PTFE Coated ...**

*Fabrics  
Adhesive Tapes  
S-2 Glass Fabrics  
Kevlar\* Fabrics  
High Temperature Belting  
Braided Draw Cords  
Braided Lacing Tapes  
Yarns  
E-Glass Sewing Thread  
S-2 Glass Sewing Thread (1400 deg. F)  
Kevlar\* Sewing Thread  
Quartz Sewing Threads (2000 deg F !!!)*

\*Reg. DuPont

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*High Performance PTFE & Silicone Coated Products*