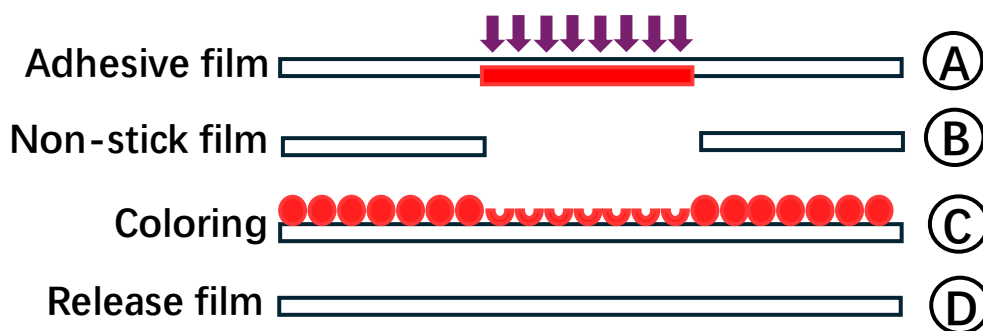




THREE -SHEET TYPE FOR ULTRA SUPER LOW PRESSURE



7 EASY STEPS

■ Matters need attention

The product is sensitive to sweat, oil and water vapor, which may affect the accuracy of the test. It is recommended to clean your hands before use or wear finger protection measures ;

■ Select pressure imaging film

Select pressure imaging film that corresponds to the size and pressure range of the product to be measured, and place it at the tested position to determine if the conditions are met;

■ Cut pressure imaging film

If the size is too large, you can use scissors or blades for precise cutting until it meets the usage conditions.

■ Prepare pressure imaging film

Open the pressure imaging film, remove the non adhesive film, then lay the adhesive film flat on the color film, and then lay the pressure-sensitive paper flat on the corresponding position to be tested. Be careful not to press the test area before formal testing;

■ Start testing

After applying pressure to the testing area, the adhesive film will instantly and permanently turn into magenta (R254 as the base color). Please try to extend the time to more than 10 seconds to ensure a sufficient reaction process;

■ Complete the test

Take out the tested film, remove the color film and discard it, then bond the adhesive film with the presentation film, and judge whether the tested product meets the usage conditions based on the test results;

■ Quick comparison

Upon completion of the test, initially compare the density values of the X-axis color gradient from left to right to identify the matching point where the target density is achieved. Subsequently, trace vertically from this point on the X-axis to the corresponding intersection with the blue curve on the Y-axis. A horizontal movement to the left from this intersection will yield the actual pressure value. If the result is uncertain, the evaluation may be repeated once for confirmation. It should be noted that this diagram serves only as a reference for rapid assessment during the process and has an inherent measurement uncertainty of $\pm 10\%$.





How to Use LOADFILM 4LW

Useful Conversion Formulas

$$\text{kg/cm}^2 = \text{psi} \times 14.22$$

$$\text{MPa} = \text{kg/cm}^2 \times 10.19$$

$$\text{MPa} = \text{psi} \times 145.04$$

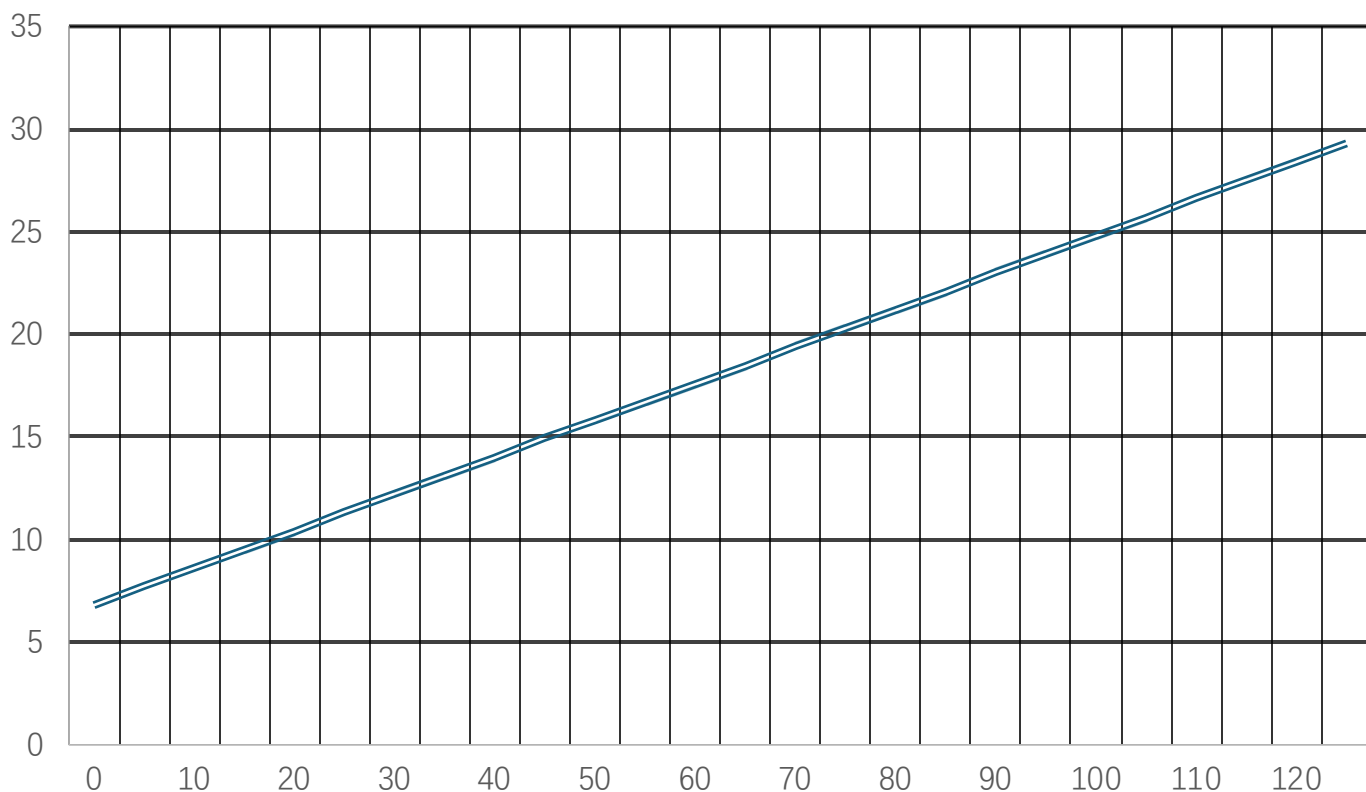
0.05 – 0.2Mpa

0.5– 2kg/cm²

7.25-29.01psi

==Psi

PRESSURE(Psi)



LOADFILM 4LW R254 Color Correlation Chart

