

Prescale™ Pressure Indicating Film Specifications

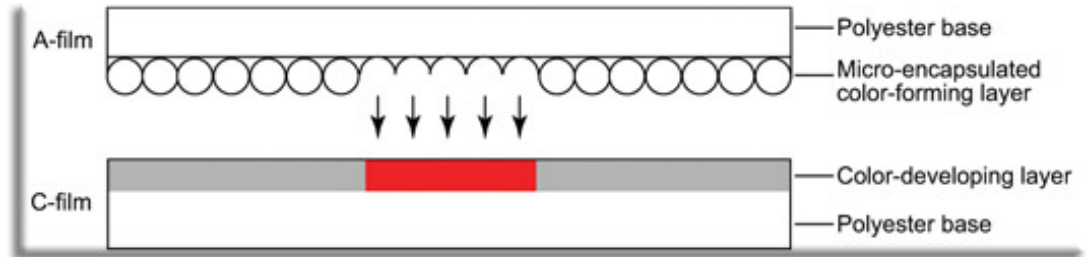
There are two types of Prescale™ film: *two-sheet* and *mono-sheet*.

Two-sheet Prescale Film (Ultra Super Low pressure through Low pressure):

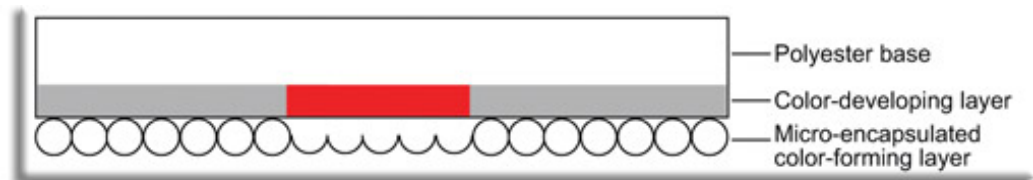
Composed of two polyester bases, A-Film and C-Film. A-Film is coated with a micro-encapsulated color-forming material, and a C-Film, which is coated with a color-developing material. The A and C-Film must be positioned with the coated sides facing each other.



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Mono-sheet Prescale Film (Medium through Super High pressure): The color-developing material is coated on a polyester base, with the micro-encapsulated color-forming material layered on top.



Physical Specifications

Pressure ranges - 0.2 to 300 MPa (28-43,500PSI)
 Thinness - 2-4 mils (0.002 - 0.004 in)
 Accuracy - $\pm 10\%$ or less based on density values
 Temperature - 20~35°C (68~95°F)
 Humidity Range - 35% - 80% RH

[View](#) a presentation outlining the basics of Prescale film.

Available Pressure Ranges

LLLW - Ultra Super Low pressure	28 - 85 PSI (0.2 to 0.6 MPa)
LLW - Super Low pressure	71 - 355 PSI (0.5 to 2.5 MPa)
LW - Low pressure	355 - 1,420 PSI (2.5 to 10 MPa)
MS - Medium pressure	1,420 - 7,110 PSI (10 to 50 MPa)
HS - High pressure	7,110 - 18,500 PSI (50 to 130 MPa)
HHS - Super High pressure	18,500 - 43,500 PSI (130 to 300 MPa)

Sample packs are also available. Sample packs consist of six 12" x 10.6" pieces of film in each of the pressure ranges available. View our [pricing chart](#) for more information.

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