

**TECHNICAL DATA SHEET**  
**MACHINE GRADE STRETCH FILM 150 %**

**DESCRIPTION:** Machine grade Prestretch up to 150 %.

**FEATURES:** 150 % Machine grade stretch film is a high quality linear low- density polyethylene stretch wrap film with high gloss & high clarity. This 7 layers, cast co- extruded film is an excellent film for use on all load types and in hot & cold environments. Engineered for all general- purpose applications. Perform consistently on pr stretch equipment.

**TECHNICAL SPECIFICATION:**

| Sr. No.           | Property            | Unit                  | Standard   | Film Code       |                 |                 |                 |                 |                 |
|-------------------|---------------------|-----------------------|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                   |                     |                       |            | 14 μ Stretch PE | 17 μ Stretch PE | 20 μ Stretch PE | 23 μ Stretch PE | 25 μ Stretch PE | 30 μ Stretch PE |
| <b>GENERAL</b>    |                     |                       |            |                 |                 |                 |                 |                 |                 |
| 1                 | Thickness           | μ                     | ASP TP 001 | 14              | 17              | 20              | 23              | 25              | 30              |
| 2                 | Grammage            | Gms/ Mtr <sup>2</sup> | ASP TP 002 | 12.9            | 15.6            | 18.4            | 21.2            | 23              | 27.6            |
| 3                 | Yield               | Mtr <sup>2</sup> / Kg | ASP TP 003 | 77.6            | 63.9            | 54.3            | 47.3            | 43.5            | 36.2            |
| 4                 | Film Density        | Gm/CC                 | ASTMD 1505 | 0.92            | 0.92            | 0.92            | 0.92            | 0.92            | 0.92            |
| <b>MECHANICAL</b> |                     |                       |            |                 |                 |                 |                 |                 |                 |
| 5                 | Tensile Strength MD | Kg/Cm <sup>2</sup>    | ASTMD 882  | 335             | 350             | 400             | 450             | 455             | 460             |
|                   | Tensile Strength TD | Kg/Cm <sup>2</sup>    | ASTMD 882  | 150             | 160             | 180             | 200             | 205             | 210             |
| 6                 | Elongation MD       | %                     | ASTMD 882  | 400             | 410             | 450             | 500             | 550             | 600             |
|                   | Elongation TD       | %                     | ASTMD 882  | 610             | 730             | 740             | 760             | 780             | 800             |
| 7                 | Prestretch          | %                     | ASP TP 004 | 150             | 150             | 150             | 150             | 150             | 150             |
| 8                 | Dart Impact F50     | gm                    | ASTMD 1709 | 30              | 35              | 40              | 45              | 50              | 58              |
| <b>OPTICAL</b>    |                     |                       |            |                 |                 |                 |                 |                 |                 |
| 9                 | Haze                | %                     | ASTMD 1003 | 1.8             | 1.9             | 2               | 2.1             | 2.2             | 2.5             |
| 10                | Gloss               | 45° (%)               | ASTMD 1003 | 85              | 85              | 84              | 83              | 82              | 82              |

MD: Machine Direction, TD: Transverse Direction.  
The stated property values are typical and intended to be an indicative of what may be expected. Choice of the film may be made by the customer after appropriate trials/ validation. specified ASTM standard are taken as reference.

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Thanks & regards

MOHAMMED ABDUL RAZZAK  
Sales Manager

LUBAN PACKING LLC  
MOB:+971-507384101|Tel:+9712-5545678|Fax:+9712-5545679  
Email:sales@lubanpack.com|WEB:http://www.lubanpack.com  
Location: Mussaffa-Sanaya-M17 |- Abu Dhabi - UAE. PO Box :128733  
Our office working hours are from 08:00 am to 8:00 pm UAE time GMT +4:00,  
Saturday to Thursday

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Thanks & regards

MOHAMMED ABDUL RAZZAK  
Sales Manager

**LUBAN PACKING LLC**

**MOB:+971-507384101|Tel:+9712-5545678|Fax:+9712-5545679**

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