

| SR | Product code   | Ink Type                     | Peel Properties             | Release Force | Ink Hold Out  | Description  |
|----|--|------------------------------|-----------------------------|---------------|---------------|--|
| 1  | <b>F83SM1/Economy</b><br>1 Side coated / Silky Matte<br>Low cost.                  | Water Based.                 | Cold Peel                   | Medium        | Medium**      | Grade: Economy is a low cost film for Heat Transfer labels printed with Screen printing Manual / Automatic / Roll to Roll, Applicable for Litho Offset but <b>(Only with Plastisol Back-up.)</b><br>1. Hot Peel* Heat Transfers printed with Oil based Plastisol ink.<br>2. It can be used with Water based ink but with limited performance user should test it with ink used for compatibility before using in production. |
|    |  | Water Based + Fixers         | Cold Peel                   | High          | High          |  |
|    |  | <i>Oil Based / Plastisol</i> | <i>Hot &amp; Cold Peel</i>  | <i>Low</i>    | <i>Medium</i> |  |
|    |  | Offset Inks + Back-up        | Cold Peel                   | Medium        | High          |  |
| 2  | <b>F83SM1/LithoHP, F108SM1/LithoHP.</b><br>1 Side coated / Medium Matte            | Water Based.                 | Hot & Cold Peel             | Low           | Medium        | Grade: LithoHP is grade specially made for:<br>1. Garment Transfers where Hot Peel* after fusing is required.<br>2. Litho Offset*** transfers, In it offset ink will dry fast and ink pick will be good for the offset plate.<br>For Screen printing Manual / Automatic / Roll to Roll, Applicable for Litho Offset printing.  |
|    |  | <i>Water Based + Fixers</i>  | <i>Hot* &amp; Cold Peel</i> | <i>Low</i>    | <i>Medium</i> |  |
|    |  | Oil Based / Plastisol        | Warm & Cold Peel            | Low           | Medium        |  |
|    |  | <i>Offset Inks + Back-up</i> | <i>Cold Peel</i>            | <i>Low</i>    | <i>Medium</i> |  |
| 3  | <b>F83SM1/Premium, F108SM1/Premium.</b><br>1 Side coated / High Matte (<9GU @ 60°) | Water Based.                 | Warm & Cold Peel            | Low           | Medium        | Grade: Premium is grade specially made for<br>1. Tag less labels with extra matte finish with smooth release.<br>2. Best suited for Litho Offset, Digital printing like, EcoSolvent, Laser etc...<br>For Screen printing Manual / Automatic / Roll to Roll, Applicable for Litho Offset printing.  |
|    |  | <i>Water Based + Fixers</i>  | <i>Warm &amp; Cold Peel</i> | <i>Medium</i> | <i>High</i>   |  |
|    |  | Oil Based / Plastisol        | Hot Cold Peel               | Low           | Low           |  |
|    |  | <i>Offset Inks + Back-up</i> | <i>Cold Peel</i>            | <i>Medium</i> | <i>High</i>   |  |
| 4  | <b>F83SM1/Silicone F108SM1/Silicone</b><br>1Side Coated / Matte                    | <i>1. Silicone Inks</i>      | <i>Cold Peel</i>            | <i>Medium</i> | <i>Medium</i> | Grade: Silicone is specially made for Printing Silicone ink based transfers., Also can be used with Plastisol & water based inks.<br>For Screen printing Manual / Automatic.   |
|    |  | Water & Oil based            | Cold Peel                   | Medium        | Medium        |  |

\* Hot Peel: Before producing hot peel labels, Grade should be test for compatibility with Ink, Powder adhesive & Process of printing. It majorly fails if Fixer ratio in water based ink is above 2% but warm peel and cold peel is unaffected. Hot Peel is not suggest for big patch prints & also for litho transfer labels.

\*\* Medium: Fine prints of Plastisol & water based inks have inherent low hold out & also combination of Powder adhesives severely effect hold out. Our experiments shows that PU powder has low hold out immediate after drying but will increase substantially after 24Hrs & Co-polyester powders has good initial hold out.

\*\*\* Litho offset printing, Indigo, Ecosolvent is a combination of various process user are requested to test it before using or [contact us](#) of any specific instruction required.

**Disclaimer:** Changes can be done on above specification for improvements, Compatibility matrix will be updated promptly, bulk user and Traders will be informed. Above specification data is our test values and not limits decided & derived by our best possible knowledge of printing & transfer trials / results, "results may vary with user to user in different processes & process controls which film manufacturer has no control", film manufacturer cannot accept or will be liable for any claims on rejection of any kind, User should test Film with required functionality with series of trials before mass productions. Film manufacturer will stick to strict process, quality and packing controls / standards & will supply the film in said specification always.