

## 3M FS442 Matte Clear Polystyrene Label Products

Category : Polymer , Adhesive

**Material Notes:**

3M™ Matte Clear Polystyrene Label Products FS442 is a hard, rigid film materials that offer economic alternatives for indoor applications. These polystyrene labels utilize 3M™ Adhesive P1212, which is a high clarity general purpose acrylic emulsion that exhibits good initial tack, excellent die cutting properties, minimal cold flow, and good UV resistance. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-FS442-Matte-Clear-Polystyrene-Label-Products.php](http://www.lookpolymers.com/polymer_3M-FS442-Matte-Clear-Polystyrene-Label-Products.php)

| Physical Properties | Metric       | English  | Comments  |
|---------------------|--------------|----------|-----------|
| Thickness           | 50.8 microns | 2.00 mil | Facestock |
|                     | 78.7 microns | 3.10 mil | Liner     |

| Mechanical Properties | Metric     | English  | Comments                                       |
|-----------------------|------------|----------|--|
| Peel Strength         | 0.526 kN/m | 3.00 pli | 180° Peel 12"/min, 1" wide sample; TLMI Method |

| Thermal Properties               | Metric   | English  | Comments    |
|----------------------------------|----------|----------|-------------|
| Maximum Service Temperature, Air | 49.0 °C  | 120 °F   | Service     |
|                                  | 60.0 °C  | 140 °F   | Application |
| Minimum Service Temperature, Air | -29.0 °C | -20.2 °F | Application |
|                                  | 5.00 °C  | 41.0 °F  | Service     |

| Descriptive Properties | Value         | Comments |
|------------------------|---------------|----------|
| Adhesive Type          | P1212 Perm 18 |          |
| Liner                  | 50# SC        |          |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China