| Facestock | Product Description | Outdoor Durability | Applications | Min. App. Temp | Service Temp. | Tear resistance | Recommended Surfaces to be Labeled |
|---|---|---|---|---|---|---|---|
| Matte Paper | Premium coated, ultra-smooth thermal transfer paper label stock featuring an aggressive general purpose acrylic adhesive. | ***Not recommended*** | General purpose indoor labeling applications under almost any lighting conditions. Packaging labels, retail applications and high quality barcoding | 25°F | -65°F to 200°F | ***None*** | Corrugate, paper, packaging films, most plastics, stainless steel and glass. |
| Gloss Paper | Premium coated, ultra-smooth thermal transfer gloss paper label stock featuring an aggressive general purpose acrylic adhesive. | ***Not recommended*** | General purpose indoor labeling applications under almost any lighting conditions. Packaging labels, retail applications and high quality barcoding | 25°F | -65°F to 200°F | ***None*** | Corrugate, paper, packaging films, most plastics, stainless steel and glass. |
| Polypropylene | Top-coated, bi-axially oriented, polypropylene with general purpose permanent adhesive. | **6 mos - 1 year** (depending on exposure conditions) | Drum labels, package labels, asset labels, moisture rich environments and item tracking labels. Excellent substitute for polyester when the application requires a glossy finish, but not the durability of polyester. | 23°F | -20°F to 176°F | Very slight stretch, does not tear easily unless nicked | Corrugate, paper, packaging films, most plastics, curved surfaces, stainless steel and glass. |
| Kimdura | Coated, bi-axially oriented, multi-layer polypropylene that features chemical and moisture resistance and excellent tear, smear and scratch resistance with permanent adhesive. | **6 mos - 1 year** (depending on exposure conditions) | Drum labels, package labels, asset labels, moisture rich environments and item tracking labels. | 32°F | -75°F to 200°F | Slight stretch. Tears into layers | Corrugate, paper, packaging films, most plastics, curved surfaces, stainless steel and glass. |
| White Gloss Polyester | UL recognized 2 mil gloss white polyester with permanent industrial grade adhesive. Features excellent tear strength, heat resistance and chemical resistance. | **3+ years** (depending on exposure conditions) | Harsh environments, exposure to rain and sun, exposure to oil, grease and alcohol, very high abrasion resistance and high temperature environments. | 25°F | -40°F to 300°F | ***Excellent*** No stretch. No tear unless nicked | Corrugate, paper, packaging films, most plastics, stainless steel and glass. UL Recognized for indoor/outdoor service. |
| White Matte Polyester | UL recognized 2 mil matte white polyester with permanent industrial grade adhesive. Features excellent tear strength, heat resistance and chemical resistance. | **3+ years** (depending on exposure conditions) | Harsh environments, exposure to rain and sun, exposure to oil, grease and alcohol, very high abrasion resistance and high temperature environments. | 25°F | -40°F to 300°F | ***Excellent*** No stretch. No tear unless nicked | Corrugate, paper, packaging films, most plastics, stainless steel and glass. UL Recognized for indoor/outdoor service. |
| Clear Polyester | UL recognized 2 mil clear polyester with permanent adhesive. Features excellent tear strength, heat resistance and chemical resistance. | **3+ years** (depending on exposure conditions) | Harsh environments, exposure to rain and sun, exposure to oil, grease and alcohol, very high abrasion resistance and high temperature environments. | 25°F | -40°F to 300°F | ***Excellent*** No stretch. No tear unless nicked | Corrugate, paper, packaging films, most plastics, stainless steel and glass. UL Recognized for indoor/outdoor service. |
| Silver Polyester | UL recognized 2 mil matte silver polyester with permanent industrial grade adhesive. Features excellent tear strength, heat resistance and chemical resistance. | **3+ years** (depending on exposure conditions) | Harsh environments, exposure to rain and sun, exposure to oil, grease and alcohol, very high abrasion resistance and high temperature environments. | 25°F | -40°F to 300°F | ***Excellent*** No stretch. No tear unless nicked | Corrugate, paper, packaging films, most plastics, stainless steel and glass. UL Recognized for indoor/outdoor service. |
| Retro-reflective | A 5.5 ml retro-reflective polyester film designed to reflect light back to its source, meets or exceeds L-S-300C, Table IV, reflectivity 3. Featuring a permanent acrylic adhesive with very high shear rating. | **2 year** (depending on exposure conditions) | Applications requiring long distance scanning. Typically warehouse rack location and aisle labeling where scanning distances can range from 20 ft. to 40 ft. | +45°F | -40°F to +300°F | ***Excellent*** | Corrugate, paper, packaging films, most plastics, curved surfaces, stainless steel and glass. |
| Tyvek | A tough material constructed of polyethyene fibers that is strong, lightweight, flexible, smooth, opaque and resistant to water, chemical abrasion and aging. | **6 mos - 1 year** (depending on exposure conditions) | Industrial tags, law tags, product id tags, security tags, seed bag tags, shell fish tags, textile tags, tree/nursery tags. | *N/A* | Up to 176°F | ***Excellent*** | |