

IB1175XTL12 Double Coated Tape

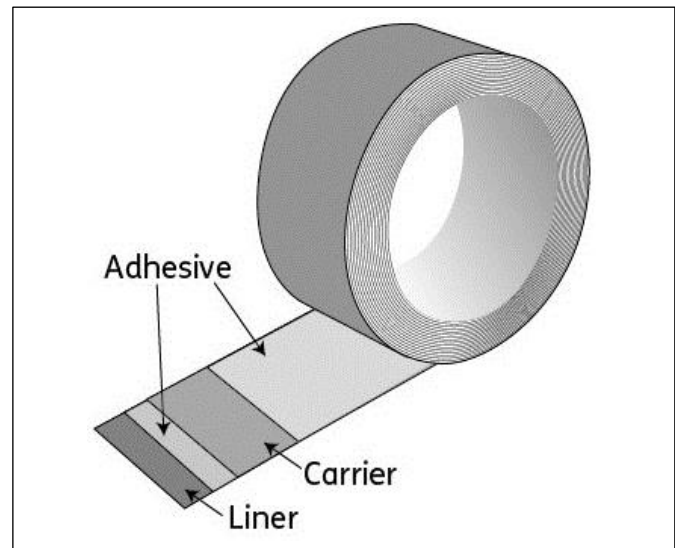
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Approved by: JNP

Product Description

IB1175XTL12 consists of a .5mil PET carrier coated on both sides with 2.0 mils of aggressive rubber-based pressure sensitive adhesive. The adhesive is supplied on a C2S 12pt PE-Coated natural board liner. This product is designed for general purpose bonding applications on semi-smooth surfaces and has excellent performance on LSE substrates.

Product Construction

- **Carrier:** 0.5 mil PET
- **Adhesive:** 2.0 mils MP593XT Rubber
- **Liner:** 12pt. PE Coated Board
- **Web Width:** 54"



Features

- Aggressive rubber based adhesive.
- Excellent shear properties
- 12pt. board liner

Benefits

- High initial tack and adhesion
- Excellent adhesion to a wide variety of substrates
- Outstanding handling and die-cutting.
- Performs well on most LSE surfaces
- Liner acts as a try for die-cut parts and improves performance for hand applied parts.

Applications

- General purpose mounting & bonding applications
- Foam Fabrication
- Felt and Fabric Bonding
- Appliance Assembly
- Building & Construction
- Automotive Interior
- Gasket Fabrication
- Insulation Installation

| IB1175XTL12 Physical Properties | | | |
|-----------------------------------|-------------------------|--------------------------|-------------------------|
| Thickness | Mils Liner/Unwind | MM Liner/Unwind | Microns Liner/Unwind |
| Adhesive | 2.0/2.0 | .0508/.0508 | 50.8/50.8 |
| Carrier | 0.5 | .0127 | 12.7 |
| Liner | 12.0 | .3048 | 304.8 |
| Total Thickness | 16.5 | .4191 | 419.1 |
| | | | |
| Performance Test | Test Method | Typical Values | |
| Loop tack | PSTC-16-Method A | Lbs./in. Liner/Unwind | Oz./in. Liner/Unwind |
| Stainless Steel | Backed with 2 mil PET | 12.0/12.0 | 192/192 |
| | | | |
| Peel Adhesion 2 mil PET Backed | PSTC-101-Method A | Lbs./in. Liner/Unwind | Oz./in. Liner/Unwind |
| 30 minute dwell | Stainless Steel | 12.0/12.0 | 192/192 |
| | | | |
| | | | |
| Shear | PSTC-107-Method A | Hours to Fail | |
| 1 kg weight | 72°F | 500+ | |
| 5 Lbs weight | 72°F | 200+ | |
| | | | |
| Tensile | ASTM-D882 | Lbs./in. | Oz./in. |
| MD/CD | | 10 | 160 |
| Elongation | ASTM-D882 | % | |
| MD | | 100 | |
| | | | |
| Foam Bonding Performance | | | |
| Substrate | Application Method | Result | |
| EPDM | RT with 50% Compression | Aggressive Adhesion | |
| Nitrile PVC | RT with 50% Compression | Foam Destruction | |
| Neoprene | RT with 50% Compression | Foam Destruction | |
| EVA Blend | RT with 50% Compression | Foam Destruction | |

Values given are typical and not for use in specifications

SERVICE TEMPERATURE

Application: Above 50°F (10°C) for best performance
End Use: -0°F to 180°F (-18°C to 82°C)

CHEMICAL RESISTANCE

Resistant to water, detergent and alcohol. Not recommended for use in contact with aliphatic or aromatic hydrocarbons.

APPLICATION DETAILS

For best performance surfaces must be clean, dry and free of any oil, grease or other contaminant.

SHELF LIFE

Two year shelf life when stored at 75°F. (24°C.) and 50% relative humidity or less. It is recommended that the product be stored in its original package until ready to use. **CALL 1-800-328-2619 for additional product information**

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