



## Technical Data

### FR A0024

#### Description:

FR A0024 is a 4.4 mil transfer tape with a general-purpose fire-retardant acrylic adhesive. The adhesive bonds very well to low surface energy materials as well as foam and provides high flame resistance to even the most demanding requirements. FR A0024 is used in aerospace and general bonding applications where flame resistance is required.

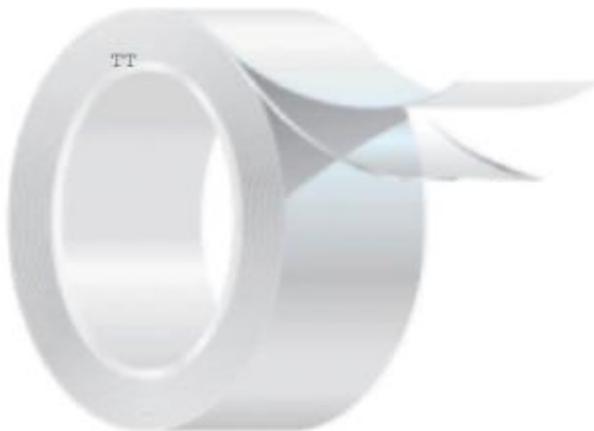
#### Features

- Unsupported adhesive construction
- Fire retardant modified acrylic adhesive
- Super calendared kraft release liner

#### Benefits

- Conformability
- Resistant to flame propagation
- Can help meet many flame-retardant requirements
- High strength with excellent die cutting performance

#### Construction



#### **CONSTRUCTION:**

##### **Liner:**

83# White Kraft

##### **Adhesive:**

Fire Retardant Acrylic

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US Mils	MM's	Micron's (µm)
Liner		4.6	0.12	117
Adhesive		4.4	0.11	112
Total Caliper without Liner:		4.4	0.11	229
Total Caliper:		9.0	0.23	112
Peel Adhesion		ASTM D1000		
180° 12 in (305 mm) / min				
Substrate		Lbf / In	N / Meter	
SS	72 hr dwell	6.2	1,092	
ABS	72 hr dwell	5.9	1,039	
Loop Tack		ASTM D6195		
180° 20 in (508 mm) / min				
Substrate		Lbf / In	N / Meter	
SS	Initial	4.7	828	
Static Shear		ASTM D3854		
180° 1" sq (6.5 cm <sup>2</sup> ) 500 g				
Substrate		Mins to Fail		
SS	24 hr dwell	> 10,000		
TEMPERATURES		° F	° C	
Minimum Application Temperature		50° F	30° C	
Minimum Service Temperature		-60° F	-51° C	
Maximum Service Temperature		350° F	175° C	

THE LISTED VALUES ARE TYPICAL AND NOT INTENDED TO SERVE AS PRODUCT SPECIFICATIONS

**Application Techniques**

- It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed



- Note that different pressure, time and temperature on different (film/rigid) surface achieves different performance

Storage / Shelf Life

- One year when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and in original packaging

