



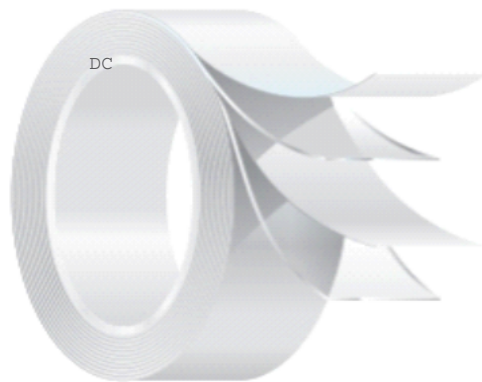
FT 273

FEATURES

- Specially designed high tack adhesive
- Thick adhesive mass
- Low density non-woven carrier
- Medium release liner

BENEFITS

- Ideal for bonding to foamed rubbers and plastics used in the gasket, sound deadening and insulation industry
- Imparts a high degree of resistance to volatile components of foamed rubbers and plastics (EPDM, Neoprene)
- Good bonding to uneven surfaces
- Provides exceptional conformability while capable of anchoring to low density foams
- Facilitates easy removal at point of application



CONSTRUCTION:

Liner:

Yellow Glassine

Adhesive 1:

Rubber

Carrier:

White Nonwoven

Adhesive 2:

Rubber

FT 273**Adhesive Properties:**

Thickness		Typical Values		
		ASTM D-3652	US Mils	MM's
				Micron's (µm)
Liner			3.0	0.08
Adhesive - Unwind			4.5	0.11
Carrier			11.4	0.29
Adhesive - Liner			4.5	0.11
Total Caliper without Liner:			20.4	0.48
Total Caliper:			23.4	0.52

Peel Adhesion

ASTM D1000

180° 12 in (305 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	20 min dwell	9.7	1,708
SS	Liner	24 hr dwell	9.7	1,708
PP	Liner	20 min dwell	5.7	1,004
PP	Liner	24 hr dwell	6.3	1,109
Painted Steel	Liner	20 min dwell	9.7	1,708
Painted Steel	Liner	24 hr dwell	9.7	1,708
Polycarbonate	Liner	20 min dwell	9.3	1,638
Polycarbonate	Liner	24 hr dwell	9.5	1,673

Loop Tack

ASTM D6195

180° 20 in (508 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	Initial	13.7	2,413

Static Shear

ASTM D3654

180° 1" sq (6.5 cm2) 1000 g

Substrate			Mins to Fail
SS	Liner	24 hr dwell	> 1,000

Tensile Elongation

ASTM D882

Substrate		Lbf / In	N / Meter
Product	Tensile	5.1	898
	Elong %	3 %	3 %

TEMPERATURES

	° F	° C
Minimum Application Temperature	50° F	30° C
Minimum Service Temperature	149° F	65° C
Maximum Service Temperature °f	158° F	70° 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

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

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