



"If you can imagine it, Nadco will make it stick."

512

(Double Coated Polyester Bonding Film)

Description: A 1/2 mil (0.0005") thick polyester film coated on both sides with an extremely aggressive, high tack rubber based adhesive system. The adhesive has excellent balance of peel and shear properties along with good heat resistance.

Applications: Primarily designed for use as a laminating medium for open and closed cell foams where heat assist and UV resistance is not necessary or desired. The adhesive system gives an immediate destructible bond utilizing only normal nip pressure. 512 will bond well to both polyether and polyester urethane foams, polyethylene foam, polystyrene foam, vinyl foams and most rubbers. Also used for core and roll starting and general purpose splicing.

Nominal Values

	IMPERIAL	METRIC
Thickness: (exclusive of liner)	3.5 mils (0.0035")	0.0889mm
Adhesion:		
Peel - (PSTC-1)	96 oz/inch width	27.1 N/25 cm
Shear - Indefinite @	1.1 psi	7.59 kPa
Elongation:	100%	100%
Tensile:	7.5 lbs/inch width	33.9 N/25 cm
Minimum Temperature Application:	40°F	4°C
Maximum Continuous Use Temperature:	175°F	80°C
Release Liners:	55 lb. semi-bleached super calendared kraft	90 GSM

The dry film adhesive component of 512 complies with the compositional requirements of the FDA, indirect Food Contact regulation, 21 CFR 175.105 "Adhesives".