

Technical Data Sheet

AB, TR, VT Series

Description

The AB and TR Series foils are specifically formulated for hot stamping flexible IV, blood and drainage bags where it is necessary for foils to meet a host of rigid specifications such as clean crisp imprint and the ability to withstand various sterilization methods of the finished product. As a component of these FDA approved healthcare products, the AB, TR, and VT Series foils have been developed to meet specific application and industry requirements. These hot stamp foils are non-toxic and feature easy release, sharp imprint, and legible marking characteristics. After stamping, these foils stand-up to sterilization processes without suffering from problems such as offsetting or adhesion loss. These foils are also used in the toy and flexible packaging markets.

Substrates

	AB, TR Series	VT Series
ABS	Polyethylene	EVA
Acetate	Polystyrene	Flexible Vinyl
Acrylic	Rigid and Flexible Vinyl	
EVA	SAN	

Coverage

Fine to Medium

Application Temperature

Condition	Vertical Press
Temperature Range	230°F - 330°F / 115°C - 166°C
Type of Die	Metal
Dwell	0.2 – 0.4 seconds
Pressure	40-80 P.S.I.

Carrier

12 microns (48 gauge) polyester film

Shelf Life

Hot stamping foils should perform to standards for a period of 1 year from date of manufacture. Foil must be stored away from extreme heat, cold and moisture. Ideal storage temperature range is 50° - 85°F, relative humidity of 20 – 70%. Do not store rolls on its side or in direct sunlight.