

Technical Data Sheet

Product: DA-18-303

Design Chemicals Corporation

501 Silverside

Road

Wilmington, DE 19809

Description

Design Adhesive DA-18-303 is a water based pressure sensitive adhesive. This adhesive has excellent adhesion to difficult substrates such as vinnols, polyolefins and metal. This adhesive has excellent resistance to delamination under wet conditions. Films of this adhesive have high tack and a good balance of peel adhesion and shear resistance.

Recommended Uses:

The adhesive can be applied using a roller or a brush, the rheology of the adhesive is designed for application on three-dimensional foam parts for automotive industry. The adhesive has a high low shear viscosity, preventing the flow of the adhesive after it is applied to the part. This adhesive, however, cannot be applied with spray gun.

Physical Data:

Appearance:	Milky white liquid		
Solids:	55 ± 1.0%		
pH:	7.7		
Density:	8.6 lbs./gal		
Viscosity:	20 rpm spindle# 4 cps @770f	4000-6000	
PERFORMANCE PROPERTIES:			
1800 peel oz./in 20 min dwell	79		PSTC Test Method #1
Shear Adhesion: 1/2inch x 1inch, 1kg	2hr		PSTC resistance #7
Quick stick: oz./inch		23	PSTC #5

Storage:

Shelf life is six months from date of manufacture. The product should be stored above freezing temperature as it is and do not let it freeze because it may become stable.

HANDLING:

Use in well ventilated area.

PACKING:

DA-18-303 is available in 5 gallons and in 55 gallons containers.

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