

Description

AD-N is a one-part solvent based, neoprene contact adhesive. It is a CFC-free, sprayable, general purpose adhesive with good adhesion to neoprene, natural and synthetic rubber, nylon, glass, ceramic, wood, PVC, insulation materials and most plastic materials. It can be used to attach foam absorber to different substrates.

Availability

AD-N is available in 1l, 5l, 25l, 250, and 1000l containers. 25 litre drums are the preferred option. A thinner and cleaning solution is available for applications where the base product is too viscous to apply. It is usually supplied red in colour but is also available in clear.

Storage

AD-N should be stored at temperatures above 5°C (40°F). Prolonged storage at lower temperatures may cause the formation of a 'gel', which will then necessitate re-processing.

In conditions of high humidity, a 'bloom' may form on the surface which reduces tack and coalescence. Bonds should not be made when this occurs.

When stored in suitable conditions the shelf life of the product would be 12 months.

Technical Data

Colour	Red/Clear
Coverage	8-10m ² /litre
Application Temperature	5-25°C
Viscosity	200-300cps (20°C)
Solids	16-20%
Tack Life	2-15 minutes
Storage	5-25°C
Service temperature range	-30°C to 90°C

Application

Surfaces to be bonded should be clean, dry and free from loose particles dust and grease.

1. AD-N may be sprayed through most equipment, but for best results a 'Devilbiss JGV-562' gun fitted with FX fluid tip and needle, and a 777 air-cap is recommended. Atomising pressures of 50-80psi and fluid pressures of 10-30psi are required.
2. Apply an even coat of adhesive to both surfaces to be bonded at a coat weight of 30-40 grams per square metre (dry). Allow a minimum of 2 minutes before mating surfaces.
3. Ensure intimate contact and coalescence of the adhesive films by passing the laminate through nip rollers or by platen pressing, using as much pressure as possible without crushing the components. Sustained pressure is not necessary. The high initial strength of the adhesive allows panels to be handled immediately.