



Clarity[®] PHL 4195

Type of Adhesive Hot melt adhesive.

- Product Benefits**
- excellent heat stability, clean processing
 - excellent hot tack and adhesion
 - good bonding strength on difficult or cold substrates
 - suitable for PET-bottles with strong carbonated beverage

Typical Applications This is a high performance pressure sensitive hot-melt designed for hard-to-bond substrates and demanding labelling applications. It been developed for labelling of plastic, glass or metal containers. Especially suitable for labelling of PET-bottles with strong carbonated beverage, subject to strong bottle expansion.

Suitable substrates Labelling of plastic materials (PVC, PE, PET, PP...), glass and metal containers with PP/PE-labels and some high quality paper labels.

Typical Properties

Property	Value
Colour	light yellow, transparent
Film	soft-elastic, high surface tacky
Softening point (R&B – ASTM E28-99)	approx. 69°C
Viscosity (Brookfield: RV, Sp21; ASTM D 3236-88)	approx. 1 400 mPa.s at 140°C approx. 1 000 mPa.s at 150°C
Shelf life	24 months



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TECHNICAL DATA SHEET

Application Instructions	<p>Apply by nozzle or roller systems. Suitable on magazine or roll fed equipment such as: Krones, KHS, SACMI, PE Labellers, Langguth, SIDEL-Alfa, B&H, Trine, and others labelling machines.</p> <p>Application temperature: 130°C – 160°C When plastic-labels are used, the working temperature should be between 130°C and 140°C, to avoid any move of the foil.</p> <p>It is important to ensure that the desired level of adhesion is obtained on the necessary substrates, including long-term tests.</p>
Cleaning Instructions	<p>Please contact your local Sales Office for available cleaning solutions.</p>
Typical Packaging	<p>Please contact your local Sales Office for available packaging options.</p>
Storage Conditions	<p>In original sealed packaging protected from sun, dust, moisture and high temperatures not above +30°C.</p>
Disposal Advice	<p>Please refer to the MSDS for disposal instructions.</p>
Safety Advice	<p>Please refer to the MSDS for safety advice.</p>

Our Focus is Clear. Perfecting Adhesives.

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