



TECHNICAL DATA SHEET

Version 2
23/10/2018

CLARITY PHL 4165 C

Type of Adhesive Clarity PHL 4165C hot melt is an aggressive, longer open time, nonPSA adhesive for roll- or magazine-fed container labelling applications

Product Benefits Clarity PHL 4165C hot melt forms a virtually invisible glue line and machines extremely well. Plus, it eliminates char, smoke and adhesive odour – which helps to reduce maintenance costs and create a more operator-friendly work environment

Typical Applications Container labelling applications used on glass, plastic and metal containers

Typical Properties

Raw material base	Synthetic rubbers
Colour	White, translucent
Viscosity @ 150°C (Brookfield)	300 – 420 cP
Viscosity @ 177°C (Brookfield)	ca. 140 cP
Ring & Ball Softening	ca. 70°C
Speed of Set	Medium - fast
Application Temperature Range	145 - 155°C
Suggested Application Temperature	150°C
Shelf Life	1 year unopened
Suitable Application Machines	Krones Canamatic, Contiroll, B&H, Trine.
Storage Life	1 year minimum in original unopened pack.
Safety Advice	Please refer to the MSDS

Our Focus is Clear. Perfecting Adhesives.

IMPORTANT: Information, specifications, procedures and recommendations provided ("information") are based on our experience and we believe this to be accurate. No representation, guarantee or warranty is made as to the accuracy or completeness of the information or that use of the product will avoid losses or damages or give desired results. It is purchaser's sole responsibility to test and determine the suitability of any product for the intended use. Tests should be repeated if materials or conditions change in any way. No employee, distributor or agent has any right to change these facts and offer a guarantee of performance.

NOTE TO USER: by ordering/receiving product you accept the H.B. Fuller General Terms and Conditions of Sale applicable in the region. Please request a copy if you have not received these. These Terms and Conditions contain disclaimers of implied warranties (including but not limited to disclaiming warranties of fitness for a particular purpose) and limits of liability. All other terms are rejected. In any event, the total aggregate liability of H.B. Fuller for any claim or series of related claims however arising, in contract, tort (including negligence), breach of statutory duty, misrepresentation, strict liability or otherwise, is limited to replacement of affected products or refund of the purchase price for affected products. H.B. Fuller shall not be liable for loss of profit, loss of margin, loss of contract, loss of business, loss of goodwill or any indirect or consequential losses arising out of or in connection with product supply.

Nothing in any term shall operate to exclude or limit H.B. Fuller's liability for fraud, gross negligence or for death or personal injury caused by negligence or for breach of any mandatory implied terms.

Australia
Tel: +61 1800 423 855
customer.service@hbfuller.com
China & Hong Kong
Tel: +86 20 82068291
cs.china@hbfuller.com
Indonesia
Tel: +62-21-5307232/33

Korea
Tel: +82 2 786 8296
cskorea@hbfuller.com
Malaysia
Tel: +603 3345 5200
New Zealand
Tel: +64 800 555 072
customer.service@hbfuller.com

Philippines
Tel: +63 2 5194073
Taiwan
Tel: +886 2 26033385
Thailand
Tel: +66 2 3757442
Vietnam
Tel: +84 8 2225588

