



Our Know-how – Your Advantage

The HC/RS/AP series is an exclusively designed material solution for healthcare and medical resealing applications in Asia Pacific. The compounds meet the ISO 10993-5, GB/T 16886.5 standards, various global food contact and relevant medical standards. Tested according to DIN ISO 15759. The compounds are translucent and can also be colored in a variety of colors.

- Adhesion to PP, PE
- Colorable
- Low density
- Resealing
- Sterilizable

What our Product Experts say!

“Customers are assured of the THERMOLAST® H product value. We are confident of delivering material solutions that meet AP medical standards - thanks to our dedicated market support and expert knowledge in TPE products.”

Lee Jia Yin, Product Specialist

“Manufacturing THERMOLAST® H, the exclusively designed TPE for the Asia Pacific medical device market requirements in Malaysia will benefit our Asian customers with a high-quality product with quick lead times, application and technical support as well as product customization.”

Aditya Purandare,

Project Manager Market Launch THERMOLAST® H Asia Pacific

Typical Applications

- Caps
- Membranes
- Closures
- Plugs



Technical Data

	Unit	TH3OHG-LCNT	TH4OHG-LCNT
Density	g/cm ³	0.89	0.89
Hardness	Shore A	33	43
Tensile strength (S2)	MPa	7	8.5
Elongation at break (S2)	%	750	750
Tear resistance	N/mm	9	10
DVR/CS 72h/23°C	%	19	21
DVR/CS 24h/70°C	%	36	38
Adhesion VDI 2019 (PP)	N/mm	3.0 D	4.5 D
Adhesion VDI 2019 (HDPE)	N/mm	3.5 D	5.5 D

TALK TO OUR EXPERTS!

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