

Apiezon Grease H

Apiezon Grease H will withstand temperatures up to 250C without melting. In fact, it stiffens at temperatures above 40°C. It is of a rubbery nature and intended for lubricating glass taps and general purposes where a high melting point grease must be used.

Specifications	
Vapor Pressure @ 20°C:	2x10 ⁹ torr
Melting point °C:	--
Average Molecular Weight:	1000
Specific gravity @ 20°C	0.918

Apiezon Grease L

Apiezon Grease L is a petrolatum hydrocarbon grease containing no additives. It has excellent vapor pressure capabilities, and is recommended for high vacuum use. It is widely used in gas-liquid chromatography, and may be used on all ground joints in a vacuum system where it is essential to have a grease with good lubricating properties and a low vapor pressure. It melts at 47°C and should not be used where temperatures at joints are likely to be above 30°C.

Specifications	
Vapor Pressure @ 20°C:	7x10 ⁻¹¹ torr
Melting point °C:	47°C
Average Molecular Weight:	1300
Specific gravity @ 20°C	0.896

Apiezon Grease M

Apiezon Grease M is a general purpose grease for use in systems requiring a lubricant of moderate vapor pressure. It is used whenever a good lubricant is required and is recommended for vacuum use and general O-ring use throughout the laboratory. Grease M is not intended for use with joints that may exceed 30°C.

Specifications	
Vapor Pressure @ 20°C:	2x10 ⁹ torr
Melting point °C:	44°C
Average Molecular Weight:	950
Specific gravity @ 20°C	0.894

Apiezon Grease N

Apiezon Grease N contains a high molecular weight polymeric additive that allows it to form a rubbery, cushioning effect between mating surfaces. The physical nature of this product makes it a popular grease for high vacuum use as well as general purpose laboratory use. It is not recommended for use above 30°C. Vapor pressure is estimated to be 8x10⁻¹⁰ torr at 20°C.

Specifications	
Vapor Pressure @ 20°C:	8x10 ⁻¹⁰ torr
Melting point °C:	43°C
Average Molecular Weight:	1300
Specific gravity @ 20°C	0.911