bcc CP/JJR
1800 D. R. Hansen
1800 J. A. Kriss

June 20, 1972

Mr. Louis Liu
Weyerhaeuser Co.
P.O. Box 188
Longview, Wash. 98632

Dear Mr. Liu:

Confirming our telephone conversation of June 16, 1972, I have attached data for Therminol 66 related to heat transfer film coefficient and pressure drop.

Please note that the basic data is calculated at 650°F. For lower temperatures, you must correct both film coefficient and pressure drop values by the ratios or correction factors indicated on the last page of the data pamphlet. For pressure drop, I would suggest you average the four values given at any temperature. Empirical relationships are such that a slight variation in pressure drop correction exists for different size pipe and tube at various velocities.

To calculate film coefficient in jacketed equipment, it is necessary to relate jacket flow area to relative pipe diameters using the method of wetted perimeters.

Should you need additional information on the Therminol heat transfer fluids, please contact your local Therminol specialist who is Mr. John Krisa located at 1550 Rand Avenue, Vancouver 14 B C Canada.

Very truly yours,

D. E. Roush
Technical Service Manager
Heat Transfer & Process Fluids

cs
Enclosure

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