

Abstract Submitted  
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**Drag Coefficient of Thin Flexible Cylinder** CHELAKARA SUBRAMANIAN, HARIKA GURRAM, Florida Institute of Technology — Measurements of drag coefficients of thin flexible cylindrical wires are described for the Reynolds number range between 250 – 1000. Results indicate that the coefficient values are about 20 to 30 percent lower than the reported laminar flow values for rigid cylinders. Possible fluid dynamics mechanism causing the reduction in drag will be discussed.

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