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**Protein Binding of Common Pharmaceutical Tubing Materials**

Protein binding or retention of proteins on the inner wall of tubing used for liquid transport can be very important to users in the medical and pharmaceutical industries. The most commonly used types of tubing were evaluated for this property using BSA (bovine serum albumin). As shown in the table below, C-Flex exhibits substantially less protein binding than the other polymers evaluated.

<b>Tubing Type</b>	<b>% Protein Bound</b>
C-Flex 60A Opaque	<b>31.0%</b>
C-Flex 60A Clear	31.8%
Silicone Rubber, Platinum Cured	68.5%
Silicone Rubber, Peroxide Cured	63.9%
Medical Grade PVC	63.4%

Notes: Tests were performed by a qualified testing laboratory on sterilized 0.500 in. ID x 0.750 in. OD tubing specimens. Samples were incubated for 24 hours at 23°C. Protein concentrations were determined using HPLC.

Note: All recommendations and suggestions contained in our printed matter regarding end uses and methods of use are based upon laboratory studies, test results and experience available to us. However, as we cannot control the conditions and circumstances under which our products may be used, users of C-Flex® products have sole responsibility for their use. Consolidated Polymer Technologies, Inc. makes no other warranties, express or implied, and disclaims any warranty of merchantability and fitness for use.

