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Gas Transmission Rate of C-Flex[®]

The gas transmission rate of films made with typical C-Flex[®] formulations was measured and compared to flexible PVC and silicone rubber. Tests were performed as described in ASTM D1434 after conditioning for 16 hours.

Material	Gas Transmission Rate (cm ³ -mil/100 in. ² -24 hr.-atm.)		
	Oxygen	Nitrous Oxide	Halothane
PVC	120	1185	42
C-Flex [®] R70-001	2450	12500	1740
C-Flex [®] R70-003	1850	14200	700
Silicone Rubber	31500	89000	20000

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.

