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COEFFICIENT OF FRICTION FOR CHEMFAB® FABRICS & BELTS

Quadrant Chemplast Pty Ltd offers many styles of fabrics and belting for various industrial processes. In many of these, the material must slide over platens, support beds or rollers.

Coefficient of friction is the measure of the slipperiness of a material; Kinetic coefficient of friction is measured while the test specimen is in motion.

PTFE (polytetrafluoroethylene) has one of the lowest coefficients of friction of any known solid. When used as a coating material, the coefficient of friction is typically in the range of 0.20 to 0.25. This is measured while the PTFE surface slides against a polished stainless steel plate, as described in ASTM D1894-90.

The coefficient of friction of most CHEMFAB® PTFE coated fabrics and belting products will be lower than 0.25. Other factors affecting the amount of friction in an industrial system include: type of rollers and beds, type of platens, loading of belt, tensioning as well as the presence of dirt, dust or other foreign materials on or in the contacting surfaces.

For questions regarding our products, please call on our Sales Office, or e-mail your enquiry to contact.sa@qplas.com.

Limited Warranty: For a period of 6 months from the date of first sale, Quadrant Chemplast (Pty) Ltd warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). QUADRANT CHEMPLAST PTY LTD DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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