

Gildan Activewear Inc.  
Form 6-K  
January 05, 2011

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549**

**Form 6-K**

**Report of Foreign Private Issuer**

**Pursuant to Rule 13a-16 or 15d-16 of  
the Securities Exchange Act of 1934**

**For the month of: January 2011 Commission File Number: 1-14830**

**GILDAN ACTIVEWEAR INC.**

*(Translation of Registrant's name into English)*

**600 de Maisonneuve Boulevard West  
33rd Floor**

**Montréal, Québec**

**Canada H3A 3J2**

*(Address of Principal Executive Offices)*

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F

Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T

Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the form 6-K in paper as permitted by Regulation S-T

Rule 101(b)(7):

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby  
furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes

No

If  Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): N/A

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

**GILDAN ACTIVEWEAR INC.**

Date: January 5, 2011

By: /s/ Lindsay Matthews

Name: Lindsay Matthews

Title: Director, Legal Services and  
Corporate Secretary

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**EXHIBIT INDEX**

<b>Exhibit</b>	<b>Description of Exhibit</b>
99.1	Annual Report for the 2010 fiscal year.