Flex-G Assembly Dynamic Certification
Test Results and Tentative Corridors

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Assembly Dynamic Certification Test

Flex-G (SN02 or later)

Leg suspension angle 15 deg.

Free fall without Flesh

Put neoprene and rubber sheets (5 sheets in total) onto the impact face

Knee joint surface level

Flex-G (SN01): 2 sheets are used
Assembly Dynamic Certification Test Results

- Thigh 3 -

Moment (Nm)

Thigh 3
Corridor_U (21 Nov. 05)
Corridor_L (21 Nov. 05)
Assembly Dynamic Certification Test Results

- Thigh 2 -

Moment (Nm)

Thigh 2
Corridor_U (21 Nov. 05)
Corridor_L (21 Nov. 05)
Assembly Dynamic Certification Test Results

- Thigh 1 -
Assembly Dynamic Certification Test Results

- ACL -

Elongation (mm)

Corridor_U (21 Nov. 05)
Corridor_L (21 Nov. 05)
Assembly Dynamic Certification Test Results

- PCL -

Elongation (mm)

- PCL
- Corridor_U (21 Nov. 05)
- Corridor_L (21 Nov. 05)
Assembly Dynamic Certification Test Results

- MCL -

Elongation (mm)
Assembly Dynamic Certification Test Results

- Leg 1 -

Moment (Nm)

Corridor_U (21 Nov. 05)
Corridor_L (21 Nov. 05)
Assembly Dynamic Certification Test Results

- Leg 2 -

Moment (Nm)

Leg 2

Corridor_U (21 Nov. 05)

Corridor_L (21 Nov. 05)
Assembly Dynamic Certification Test Results

- Leg 4 -

[Graph showing test results with labels for different corridors and test locations.]