IPS Cable Simulation

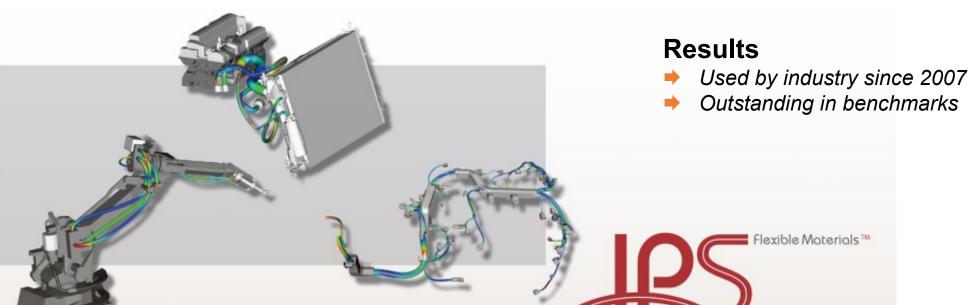
Software for design and simulation of cables and hoses

Capability

- Real time deformations of cables, hoses and complex wiring harnesses
- → Various material types, cross-section profiles, and kinematical clips.
- Analysis of forces, moments and critical clearances

Benefits

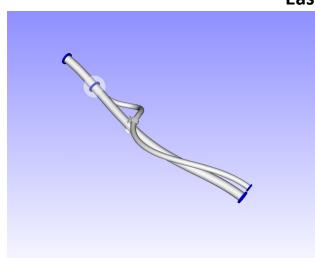
- Power (accurate physics)
- Speed (Real time simulation)
- Easy to use (one day crash course)



IPS Cable Simulation

Simulation with cables and hoses

Easy creation and handling of cables and hoses



- Easy creation of cables and hoses using Nodes, Mount frames and Grips
- Kinematic Clips for realistic simulation
- Contact handling (external internal)
- Component Libraries
- Clip Libraries
- Analyze

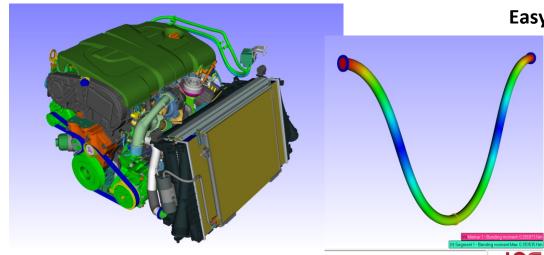


Envelope possibilities

- Tolerance Envelope: Generate envelope for tolerance on mounting angle
- Motion Envelope
- Motion Sweep

Hose simulation during engine movements

- Wake up CAD geometry
- Create new optimized proposals
- Create hoses, cables and harnesses with correct material properties
- Drag and drop for connection to rigid bodies
- Simulate motion
- Analyze



Easy visualization and measuring

- Visualization of forces and moments
- Value measurements of forces and moments
- Analyze
- Optimize