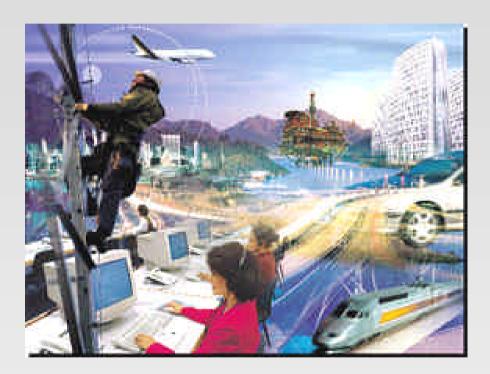


Global expert in cables & cabling systems



Infrastructure - Industry - Building







Global presence

Industrial presence in more than 30 countries

Canada

USA

Brazil

· Commercial activities worldwide

21,000 local experts



International experience

Full mastery of national & international standards







- Nexans is a world leader in the support of flexible transfer lines for cryogenic liquids
- Experienced in design and production for more than 30 years
- Pipe systems in continuous operation without maintenance for more than 10 years
- We supply standard products as well as products for special applications
- Special aspects in terms of
 - pressure
 - heat inleak
 - temperature
 - pressure drop

can be designed to customer requirements



- 1. Corrugated inner pipe
- 2. Spacer
- 3. Super insulation
- 4. Vacuum space
- 5. Corrugated outer pipe
- 6. Jacket



CRYOFLEX Transfer Lines



- Manufacturing of transfer lines on special machines (UNIWEMA®)
 - longitudinal welding of stainless steel
 - continuous welding and corrugating in one step
 - winding of superinsulation and spacer
- He-leak testing with sensitivity of 10-9 mbar I/s
- Guaranteed vacuum for 2 years
- Low thermal losses
- Expertise in cryogenic couplings, terminations, phase separators,

valves









LTS Cable



CERN 7 x 50 m LHe Transfer Lines



LOX - LH2 - LHe Transfer



Ariane Transferline Coupling



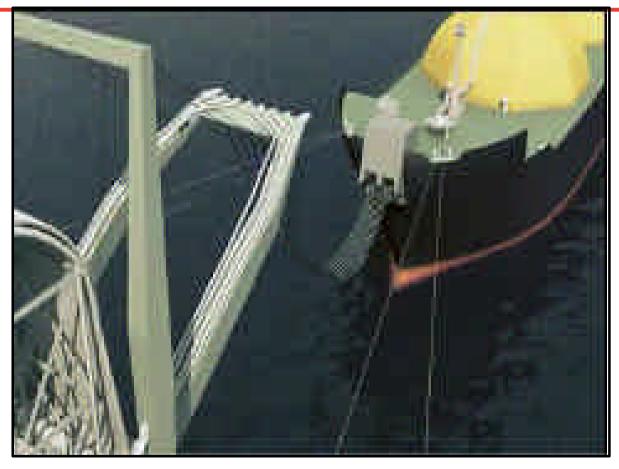
Ariane Rocket



LTS Cable for Fusion Technology 1998







Flexible LNG pipes for dynamic applications





