

CEFEP.

European Association of FEF and PEF Insulation Manufacturers

TECHNICAL STATEMENT



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Installing FEF on Cryogenic Lines

CEFEP, as the representative body of the European manufacturers of Flexible Elastomeric Foam (FEF), acknowledges the complexities involved in using FEF materials in cryogenic applications, particularly at temperatures below -183°C . It is important to highlight that while some FEF materials are indeed suitable for these extreme conditions, the risk of oxygen condensation on insulated surfaces poses significant hazards. Therefore, it is crucial that any FEF material intended for such use is rigorously tested for potential reactions with liquid oxygen and officially approved for cryogenic applications.

CEFEP advises project owners and stakeholders to engage directly with FEF manufacturers to verify that the insulation materials under consideration have undergone the necessary testing and received approvals confirming their safety and effectiveness in cryogenic environments. Manufacturers are equipped to provide comprehensive assessments and can offer specific guidance to ensure the proper selection and use of their products in these demanding applications.

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Technical Committee