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Refrigeration systems and heat pumps — Flexible pipe elements, vibration isolators, expansion joints and non-metallic tubes — Requirements and classification

Systèmes de réfrigération et pompes à chaleur — Éléments flexibles de tuyauterie, isolateurs de vibration, joints de dilatation et tubes non métalliques — Exigences et classification

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Foreword

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Introduction

Flexible pipe elements are used to eliminate impermissible stresses from refrigerating circuits and absorb pipe expansion or relative movements of components.

Flexible pipe elements are often the weakest part of a refrigerating system and the part most likely to suffer from fatigue or stress corrosion cracking.