# Compensator LCR, LCS, LCE

teknikum.com/en/connecting-hoses/lcr-lcs-lce-2

**Applications:**
LCE, LCS, LCR compensators are used for e.g. compensating thermal expansion in pipelines as well as attenuation of noise and vibrations. Other applications are connection points of e.g. machinery, equipment and motor to other structures.

**WORKING TEMPERATURE:**
**LCR hoses:** max. +70°C
**LCS hoses:** max. +90°C
**LCE hoses:** max. +100°C

**CONSTRUCTION:**
**LCR hoses:** cover/tube NR, wear-resistant
**LCS hoses:** cover/tube NBR, oil resistant
**LCE hoses:** cover/tube EPDM, chemical resistant
**Reinforcement:** textile

**NOTE:**
For flexibility and angular deviations please see the chart below. Flange material is hot galvanized steel, and flange dimensions are complying DIN 2642 / EN 1092-1 / SFS 2170 PN10. Hoses are delivered with installed flanges.

Flanges are included in product prices.

Standard measures on the below table and customized measures apply also to LCS- and LCR-hoses. Product code for standard measure hoses is LCS... and LCR...

## Technical information

| Product code | Ø d mm | L mm | Working press. MPa | Axial flexibity mm | Lateral flexibility mm | Angular deviation | Weight kg/kpl/pc |
|---|---|---|---|---|---|---|---|
| LCE (EPDM) | | | | | | | |
| LCE10080 | 80 | 130 | 1,6 | ± 30 | ± 30 | 30° | 7,40 |
| LCE10100 | 100 | 130 | 1,6 | ± 30 | ± 30 | 25° | 8,60 |
| LCE10125 | 125 | 130 | 1,6 | ± 30 | ± 30 | 25° | 11,00 |
| LCE10150 | 150 | 130 | 1,6 | ± 30 | ± 30 | 20° | 13,30 |
| LCE10200 | 200 | 130 | 1,0 | ± 30 | ± 30 | 15° | 18,50 |
| LCE10250 | 250 | 130 | 1,0 | ± 30 | ± 30 | 10° | 21,50 |

## Sales - Industrial hoses

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