

ZEFOOD EPDM



APPLICATION

- Latest generation of beverage hose suitable to handle a wide spectrum of liquid foodstuff such as wine, fruit juice, tomato juice, beer, soft drinks and mineral water. Not recommended for fatty food products and oil.
- For suction and delivery purposes.

MAIN BENEFITS

- The heat resistant carcass of ZEFOOD EPDM makes it an ideal solution when temperature capacity in use and prolonged sterilizations sessions are required.
- The composition of its inner liner exhibits high resistance to medium concentration acid and bases.
- ZEFOOD EPDM withstands all commercial cleaning and disinfection processes used in the food industry.

CONSTRUCTION

TUBE

- High-grade EPDM rubber, white, odorless and tasteless, smooth.
- Complying with FDA standards, with BfR Recommendations Cat. II, with DM. 21/03/73, with European Reglement 1935/2004/CE and with 3A Sanitary Standard Class II.

REINFORCEMENT

- Synthetic plies, galvanized wire helices.

COVER

- Synthetic rubber, blue, smooth, abrasion, ageing and ozone resistant, cloth finish.

MARKING

ZENOFLEX ZEFOOD EPDM

TEMPERATURE RANGE

- From -40°C to +120°C (-40°F/+248°F).
- Peaks up to +150°C for sterilizations, for a maximum of 30 minutes.

VACUUM

- 675mmHg(26.6 inHg)

应用范围

- 最新一代饮料输送用软管，应用于处理液体类诸如酒、果汁、番茄酱、啤酒、软性饮料以及矿泉水等。不推荐用于脂肪及油类介质。
- 适用于吸入和输送应用场合。

主要特性

- 具有优秀的耐热性能，尤其是高温及长时间蒸汽灭菌应用时的理想解决方案。
- 内管材质可耐一定浓度的酸性、碱性介质。
- 软管亦适用于食品行业通常采用的各种清洗和消毒过程作业。

软管结构

内管

- 高品质EPDM材质，白色、无臭、无味，表面光滑。
- 符合美国FDA、德国BfR、意大利D.M. 21/03/73、欧洲1935/2004/CE和3A等标准。

加强层结构

- 良好耐热性的多层合成纤维。
- 植入螺旋形镀锌钢丝。

表层

- 合成橡胶，蓝色，光滑，耐磨，耐老化，耐臭氧，布状表面。

标签

ZENOFLEX ZEFOOD EPDM

温度范围

- 从-40°C到+120°C。
- 可耐不超过30分钟的蒸汽灭菌（温度最高+150°C）。

真空度

- 675mmHg(26.6 inHg)

DIMENSIONAL TOLERANCES: 尺寸公差 ISO 1307

| Inside diameter | | Outside diameter | | Working pressure | | Burst pressure | | Appr. weight | | Bending radius | |
|-----------------|------|------------------|------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm] | [in] | [mm] | [in] | [bar] | [psi] | [bar] | [psi] | [kg/mt] | [lbs/ft] | [mm] | [in] |
| 19 | 0,75 | 31 | 1,22 | 10 | 150 | 30 | 450 | 0,70 | 0,47 | 60 | 2,36 |
| 25 | 1,00 | 37 | 1,46 | 10 | 150 | 30 | 450 | 0,85 | 0,57 | 85 | 3,35 |
| 32 | 1,25 | 44 | 1,73 | 10 | 150 | 30 | 450 | 1,04 | 0,70 | 115 | 4,53 |
| 38 | 1,50 | 51 | 2,00 | 10 | 150 | 30 | 450 | 1,31 | 0,88 | 150 | 5,91 |
| 51 | 2,00 | 64 | 2,52 | 10 | 150 | 30 | 450 | 1,69 | 1,13 | 210 | 8,27 |
| 63,5 | 2,50 | 78,5 | 3,09 | 10 | 150 | 30 | 450 | 2,55 | 1,71 | 265 | 10,43 |
| 76 | 3,00 | 91 | 3,58 | 10 | 150 | 30 | 450 | 2,99 | 2,00 | 320 | 12,60 |
| 102 | 4,00 | 118 | 4,65 | 10 | 150 | 30 | 450 | 4,18 | 2,80 | 430 | 16,93 |

