

Technical Data Sheet | EVA Sealing Ring Series

Jiangyin Jinyu Packaging Materials Co., Ltd. | Version: JY-EVA-TDS-2026-06 | Date: 29 Jun 2026

Grade Classification

| Grade | Density | Hardness | Recommended Scenario |
|-------------------|-------------------------|----------|---|
| Economy EVA | 85±5 kg/m ³ | 40-45° | Asphalt, waterproof, high-viscosity. Stack <75 kg. |
| High-Density | 125+ kg/m ³ | 50-60° | Engineering coatings. Stack <125 kg. |
| Food-Grade | 85±5 kg/m ³ | 40-45° | Suitable for many commonly used industrial chemicals; compatibility should be verified with the actual media. Declaration on request. |
| High-Elastic Food | 180±5 kg/m ³ | 45-50° | With superior sealing and instant rebound performance, it can completely replace rubber rings and PU/PVC foam. It performs exceptionally well in hydraulic testing and also features food-grade release properties. |
| Solvent-Resistant | 150+ kg/m ³ | 50-60° | Aggressive solvents & chemicals. Premium resistance for industrial coatings. Tolerable to all commonly used chemicals on the market. |

EVA Technical Data Sheet

| Property | Economy | High-Density | Food-Grade | High-Elastic | Solvent-Res |
|------------------------------|----------------------------|----------------------------|--------------|--------------|-----------------|
| Density (kg/m ³) | 85±5 | 125+ | 85±5 | 180±5 | 150+ |
| Shore C | 40-45° | 50-60° | 40-45° | 45-50° | 50-60° |
| Tensile (MPa) | 0.6 | 1.5 | 1.15 | 1.9 | 1.7 |
| Elongation | ≥ 110% | ≥ 160% | ≥ 140% | ≥ 220% | ≥ 180% |
| Components | EVA/LDPE/CaCO ₃ | EVA/LDPE/CaCO ₃ | LDPE | EVA/LDPE/POE | EVA/LDPE/RUBBER |
| MEK Test | No reaction | No reaction | No reaction | No reaction | No reaction |
| Toluene | Slight swell | Slight swell | Slight swell | Slight swell | Pro-resistant |
| Storage | 2 years | 3-5 years | 3 years | 3-5 years | 3-5 years |

Note: All data are typical values. Verification testing recommended.