



# Expanded Graphite Joint Sheet With Stainless Steel Metal Foil Insert (CVS® 9000R)



CVS® 9000R is a joint sheet composed of high purity expanded mineral graphite laminated with 316 smooth stainless steel insert.

**Applications:**  
Suitable for use with pipe flanges and other types of applications that require gaskets with high thermal resistance and medium pressure.

**Technical Specifications:**

| Properties       | Test Method     | Specified Value |
|------------------|-----------------|-----------------|
| Density          | DIN 28090-2     | 1.1g/cm³        |
| Ashes Content    | DIN 51 903      | ≤ 2%            |
| Chloride Content | DIN 51 903      | ≤ 50ppm         |
| Compressibility  | ASTM F36A       | 40-50%          |
| Recovery         | ASTM F36A       | 10-15%          |
| Tensile Strength | DIN 52913/175°C | ≥ 47N/mm²       |
| Gas Permeability | DIN 3535-6/94   | ≤ 0.6cm³/min    |
| Leaking Ratio    | DIN 28090-2     | 0.08mg/s/m      |
| Temperature      |                 | -200°C to 650°C |
| Working Pressure |                 | 140Kgf/cm²      |

**Availability:**

| IMPA   | Product Description | Thickness | Size        | Unit |
|--------|---------------------|-----------|-------------|------|
| 811027 | CVS® 9000R          | 1.0mm     | 1.0m x 1.0m | Sht  |
| 811027 | CVS® 9000R          | 1.0mm     | 1.5m x 1.5m | Sht  |
| 811028 | CVS® 9000R          | 1.5mm     | 1.0m x 1.0m | Sht  |
| 811028 | CVS® 9000R          | 1.5mm     | 1.5m x 1.5m | Sht  |
| 811029 | CVS® 9000R          | 2.0mm     | 1.0m x 1.0m | Sht  |
| 811029 | CVS® 9000R          | 2.0mm     | 1.5m x 1.5m | Sht  |
| -      | CVS® 9000R          | 3.0mm     | 1.0m x 1.0m | Sht  |
| -      | CVS® 9000R          | 3.0mm     | 1.5m x 1.5m | Sht  |