



Divine Cork (India) Pvt. Limited

An ISO 9001:2015 Company

**TECHNICAL
DATA SHEET**

Dolphin Brand

RUBBERIZED CORK AUTOMOTIVE GASKETS

Description :

We provide our customers with a wide variety of die-cut Rubberized Cork Automotive Gaskets. The complete range is manufactured using high grade raw materials and advanced production methods to ensure they last for a long period of time.

Product Data Sheet – Dolphin Brand

| Grade | General Purpose | | | Medium Oil Resistance | | | Good Oil Resistance | | | Very Good Oil Resistance | | | Excellent Good Oil and Heat Resistance |
|--|-----------------|--------|--------|-----------------------|-------|-------|---------------------|--------|--------|--------------------------|--------|--------|--|
| | RC 50A | RC 70A | RC 80A | RC 50 | RC 70 | RC 80 | RC 50B | RC 70B | RC 80B | RC 50C | RC 70C | RC 80C | Excellent RC 70C |
| Grades and Properties | RC 50A | RC 70A | RC 80A | RC 50 | RC 70 | RC 80 | RC 50B | RC 70B | RC 80B | RC 50C | RC 70C | RC 80C | Excellent RC 70C |
| Hardness IRDH | 50±10 | 70±5 | 80±5 | 50±5 | 70±5 | 80±5 | 50±5 | 70±5 | 80±5 | 50±5 | 70±5 | 80±5 | 70±5 |
| Dimension Changes in % Max. | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| Tensile Strength* KPa Min. | 650 | 900 | 1250 | 650 | 900 | 1250 | 700 | 1250 | 1550 | 1250 | 1550 | 1900 | 1960 |
| Compressibility % (At 2800 KPa) | 45-60 | 30-45 | 15-30 | 45-60 | 30-45 | 25-40 | 45-60 | 35-50 | 25-35 | 35-45 | 25-35 | 15-25 | 25-35 |
| Recovery % Min. | 80 | 80 | 80 | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| Compression Set % Max | 90 | 90 | 90 | 85 | 85 | 90 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |



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 Dist. Vadodara, Gujarat, India



Chemical Test on Water Extracts

| Grade | General Purpose | Medium Oil Resistance | Good Oil Resistance | Very Good Oil Resistance | Excellent Good Oil and Heat Resistance |
|---|-----------------|---|--|---|---|
| (a). pH Where applicable | 5.0 to 8.50 | 5.0 to 8.5 | 5.0 to 8.5 | 5.0 to 8.5 | 5.0 to 8.5 |
| (b). Chloride Content (As chloride ion) | 0.2 % max | 0.2 % max | 0.2 % max | 0.2 % max | 0.2 % max |
| (c). Sulphate Content (As sulphate ion) | 0.2 % max | 0.2 % max | 0.2 % max | 0.2 % max | 0.2 % max |
| Oil Immersion Test Volume Change after immersion in A5T oil No.3 for 70 hours at 100* Temp | > 60% | 40%-60% | 25% Max. | 15% Max | 10% Max |
| Volume Change in I.S.335 Oil | - | - | - | 8%Max | 6%Max |
| Gasket Application Area | General Purpose | General Purpose Light Electric and General Automotive Industry | Automotive Industry and Light Electric and General Industry | Automotive Industry and Aircraft Industry | Heavy Electrical Industry; Ship Building |

*98.0665 KPa = 1KG/cm² Grades Indicated are as per IS4253 PART II 2008.

- All materials are available in sheets measuring 610mm x 900mm, 910mm x 910mm, 1000mm x 1000mm, and 900mm x 1200mm. Rubber cork strips are available from 35 mm to 15 mm. Sheets are available in standard natural cork and black colors. Other sizes are available on request.
- Thickness: Available from 1.0 mm to 25 mm The thickness variation on sheets at any point is ±10% for thicknesses up to 6.0 mm and ±0.25 mm for thicknesses greater than 25 mm.
- Grades 70C and 80C are most preferred for the transformer and railway industries.

We also specialize in the manufacture of Rubberized Cork Automotive Gaskets in individual sizes. Though our production covers a wide range for different applications, **we can also produce materials to meet your special requirements and specifications**, such as granule size, tensile strength, compressibility, and oil swell.





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Features:

- Flexible
- High tensile strength
- High durability

Applications:

- Transformer Industries
- Automotive and automobile Industries
- Railway Industries
- Defense Industries
- Construction Industries
- Marine Industries



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