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Specification of Gasket Material for Surge Tank

KES

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 **KIA MOTORS**

1. Scope of Application

This standard specifies the quality standard of gasket materials applied to improve sealing quality of the surge tank part in the suction system of an automobile engine.

2. Type and Material Symbols

The types and material symbols of surge tank gasket shall conform to Table 1.

Table 1. Types and Material Symbols of Gasket

Division	Material Symbol	Properties	Remark
Asbestos type	G-AC51	Heat resistance asbestos type	F2050
Non-asbestos type	G-NC51	Heat resistance non-asbestos type	ASK 4650
	G-NC52	Heat resistance and oil resistance non-asbestos type	JIC 6000
Soft metal type	G-SS51	Rubber coated on steel plate	

3. Test Piece and Pre-treatment

Conform to KES T-L281(Test Standard for the Properties of Gasket Material).

4. Quality Standard

For the quality standard of surge tank gasket, the value evaluated according to item 5 shall conform to Table 2.

5. Testing Method

5.1 Thickness

Conform to item 7.1 in KES T-L281(Test Standard for the Properties of Gasket Material).

5.2 Specific Gravity

Conform to item 7.2 in KES T-L281(Test Standard for the Properties of Gasket Material).

5.3 Tensile strength

Conform to item 7-4 in KES T-L281(Test Standard for the Properties of Gasket Material).