



## Technical Data Sheet

**Material Description:** Gasket Material based on Aramid fibres with SBR binder. Controlled swelling in oil and fuel and very good conformability at low surface loads (bolt loads).

**Applications:** KLINGERSIL® AC 35.600 is primarily used as sealing against cold and hot oils, fuels and coolants with corrosion inhibitors and anti-frost additives. Typical applications are intake manifold, valve and housing cover, oil pan, crankcase cover, timing cover, water socket and pump. **Maximum Temperature:** 200°C. **Maximum Pressure:** 40 bar  
(Note: Maximum temperature and maximum pressure must not be applied at the same time).

### Typical Specifications

Thickness	mm	0.3-1.6
Density	g/cm <sup>3</sup>	1.4-1.6
Compressibility ASTM F 36 J	%	25-33
Recovery ASTM F 36 J	%	> 45
Tensile strength (based on 2.0 mm thickness)		
DIN 52 910, cross grain	MPa	> 3
ASTM F 152, cross grain	MPa	> 3.5
Stress relaxation		
DIN 52 913, 50 MPa		
16 h/300°C, > 0.5 mm	MPa	> 16
Ignition loss		
DIN 52 911	%	<33
Fluid resistance acc. ASTM F 146		
Oil IRM 903		
5 h/150°C	thickness	%
	weight	%
ASTM Fuel B	thickness	%
5 h/20°C	weight	%
Water-Glycol	thickness	%
1:1, 5 h BP	weight	%

All information is based on years of experience in production and operation of sealing elements. However, in view of the wide variety of possible installation and operating conditions one cannot draw final conclusions in all application cases regarding the behaviour in gasket joint. The data may not, therefore, be used to support any warranty claims. This edition cancels all previous issues. Subject to change without notice.

Certified acc. to DIN EN ISO 9001:2015 Subject to technical alterations.  
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