

## Teknikum CLEAN SAFE™ FDA rubber lining compound



### APPLICATIONS

Natural rubber based white soft rubber, which is resistant to various cleaning agents and aqueous solutions. This compound is FDA 21 CFR 177.2600 (e) approved material.

This rubber compound is specially developed for rubber lining applications where low migration of any chemicals from the lining is critical, such as nuclear power plants, clean water lines of ships or food contact applications.

Autoclave vulcanization.

### ADVANTAGES

- Suitable for food contact applications
- Extremely low migration of chemicals from inner lining
- For critical clear water applications

### TECHNICAL PROPERTIES

#### Elastomer

- Compound is based on natural rubber (NR) and styrene butadiene rubber (SBR) mix.

### Environmental resistance

- Moderate resistance to chemicals

### QUALITY & COMPLIANCE

The manufacturing quality control is based on ISO-9001 certified systems.

The rubber compound does not contain any RoHS 2 controlled substances or phthalates and is compliant with REACH directive.

The compound does not contain any substances named on the SVHC (Substances of Very High Concern) candidate list XIV of REACH.

### ORDER REFERENCE

- Rubber compound ID: S033350

### MANUFACTURER

Teknikum Ltd (Business ID FI 07645274)  
Sementtitehtaankatu 4, FI-04260 Kerava,  
FINLAND

### Sales & Marketing

Teknikum Group, Linings BU

### More information

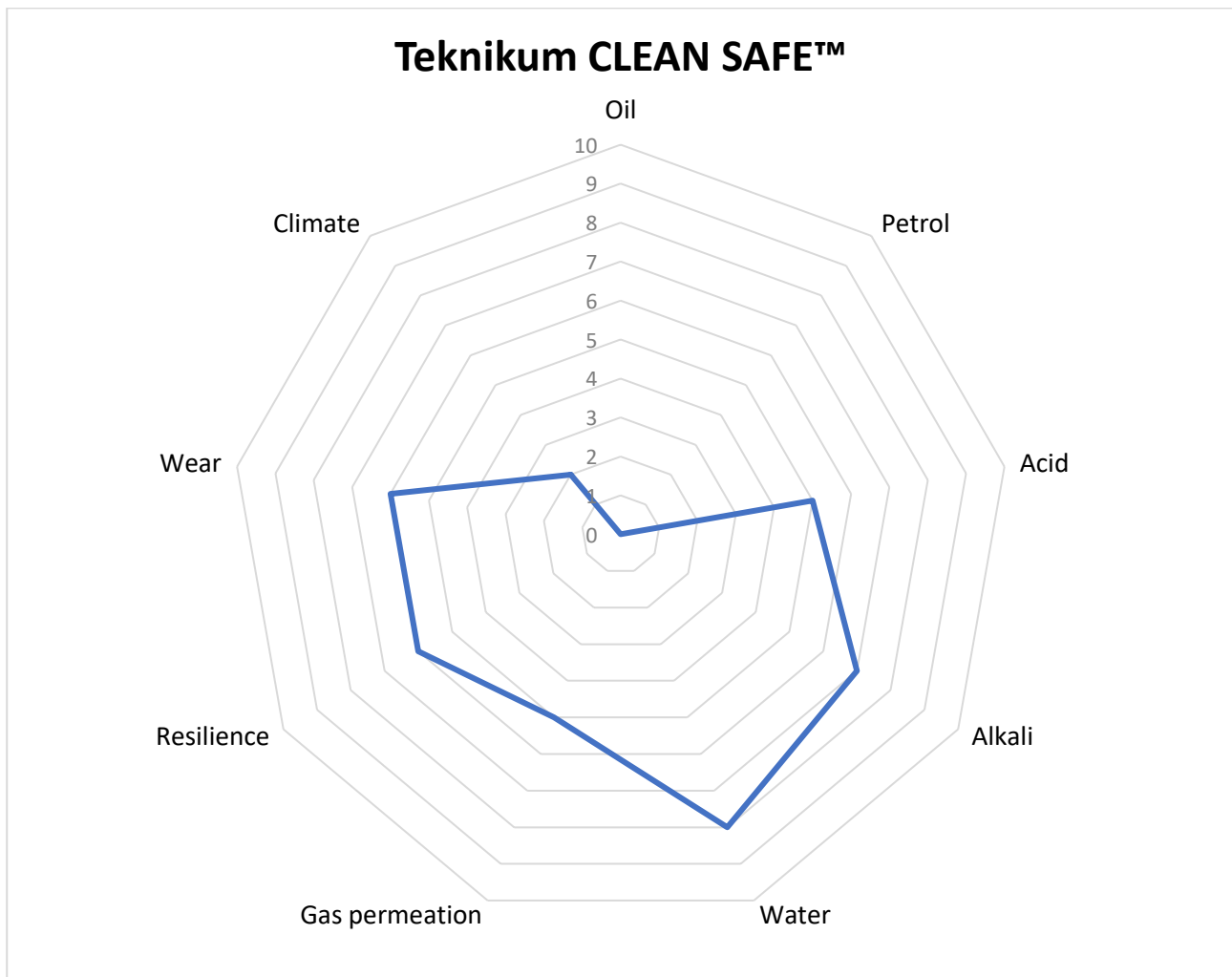
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## TYPICAL MATERIAL PROPERTIES<sup>1</sup>



Property	Standard	Unit	Value
Hardness	ISO 48-4	Shore A	40 ± 5
Tensile strength	ISO 37	MPa	12
Elongation at break	ISO 37	%	700
Tear strength	ISO 34 Crescent	N/mm	20
Abrasion resistance (5 N weight)	ISO 4649 Method A	mm <sup>3</sup>	80
Temperature range	-	°C	- 40 - + 70

<sup>1</sup>Note: The above values are typical mean values of the production compounds and should not be used as specification limit or as a basis of design.