

Teknikum WEAR SAFE™ Black 40 rubber lining compound



APPLICATIONS

Natural rubber and butadiene rubber based soft black rubber, which is highly resistant to various abrasive slurries. This proven compound is used in mining environment, seawater applications and other process industry applications.

The hardness 40 ShA is great for abrasion resistance supported by excellent resilience to stand flexible surface for material flow.

Developed for the mining industry, e.g. material transfer at concentration plants and tailings pipelines.

Autoclave vulcanization.

ADVANTAGES

- Great wear resistance
- Very strong adhesion to steel
- Good strength values

TECHNICAL PROPERTIES

Elastomer

- Natural rubber and butadiene rubber (NR/BR)

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 over 0.1 % by mass of any substances named on the SVHC (Substances of Very High Concern) candidate list XIV of REACH.

ORDER REFERENCE

- Rubber compound ID: SK143000

MANUFACTURER

Teknikum Ltd (Business ID FI 07645274)
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FINLAND

Sales & Marketing

Teknikum Group, Linings BU

More information

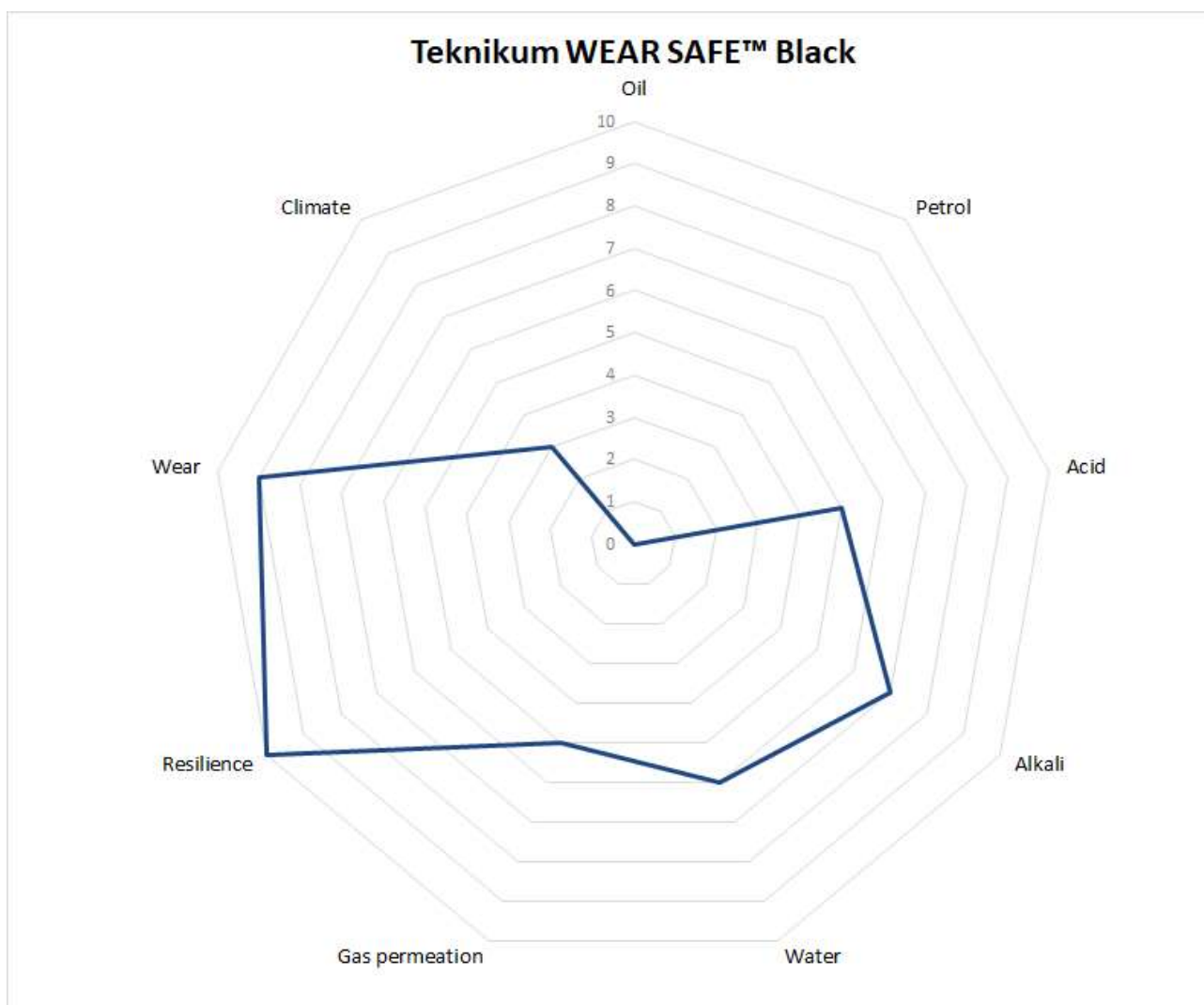
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TYPICAL MATERIAL PROPERTIES¹



Property	Standard	Unit	Value
Hardness	ISO 48-4	Shore A	40 ± 5
Tensile strength	ISO 37	MPa	11
Elongation at break	ISO 37	%	520
Tear strength	ISO 34 Crescent	N/mm	30
Abrasion resistance (5 N weight)	ISO 4649 Method A	mm ³	55
Rebound resilience	ISO 4662	%	65
Temperature range	-	°C	- 40 - + 70

¹Note: 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.

TEKNIKUM WEAR SAFE™ Black 40 ShA LINING RUBBER ON ROLL

Item number	Thickness (mm)	Standard width (mm)	Roll Length (m)	Roll weight (kg)	Minimum order quantity (rolls)
SK14300038	2	1100	20	45	1
SK14300012	3	1100	20	68	1
SK14300002	4	1100	20	91	1
SK14300009	5	1100	20	114	1
SK14300014	6	1100	10	68	2
SK14300040	7	1100	10	80	2
SK14300019	8	1100	10	91	2
SK14300041	9	1100	10	103	2
SK14300004	10	1100	10	114	2

NOTES

- Standard width is 1100 mm rolls, which is convenient for transportation in wooden boxes.
- Widths between 600-1500 mm are available upon request.