



# STEAM CUPS

ZERO LEAKS / FAST INSTALLATION / EXTREME HEAT RESISTANCE / SUPERIOR LONGEVITY



Rubberatkins Steam Cups provide a technologically advanced solution which will reduce NPT through superior performance.

By combining Rubberatkins propriety elastomer Thermanite with a superior density of wire mesh and high performing Thermanite O Ring, the Steam Cup is able to withstand extreme conditions.

## DESIGN

- Thermanite – Rubberatkins' propriety elastomer
- Unparalleled resistance to steam and hydrocarbons
- Fully bonded with high density mechanical back up

## PERFORMANCE

- Superior steam resistance
- Zero leaks mean less steam
- Elastomer integrity in extreme situations
- Minimal interference leads to fast, clean installation
- Track record of longevity with reduced need for change out

## ENVIRONMENT

- Engineered to perform at extreme temperatures up to 600°
- Proven superior performance in heavy oil environments
- Superheated steam injection ability
- Cyclic steam
- Geothermal wells

## ELASTOMER EXPERTISE

Pushing the boundaries of elastomer capabilities, Rubberatkins has over 1700 proprietary elastomer products, which have been engineered to meet the toughest conditions. Our R&D experts use Rubberatkins' advanced testing facilities to perfect materials and products for your specific needs. We give you the performance you can rely on and the cost-savings you need.

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**RUBBERATKINS**  
experience elastomer excellence

**ABERDEEN**  
t +44 01224 246 777

**CHINA**  
t +86 135 1076 6825

**HOUSTON**  
t +1 281 719 5116

**ABU DHABI**  
t +971 50 364 3518

**CALGARY**  
t +1 713 412 8404

[sales@rubberatkins.com](mailto:sales@rubberatkins.com) [www.rubberatkins.com](http://www.rubberatkins.com)



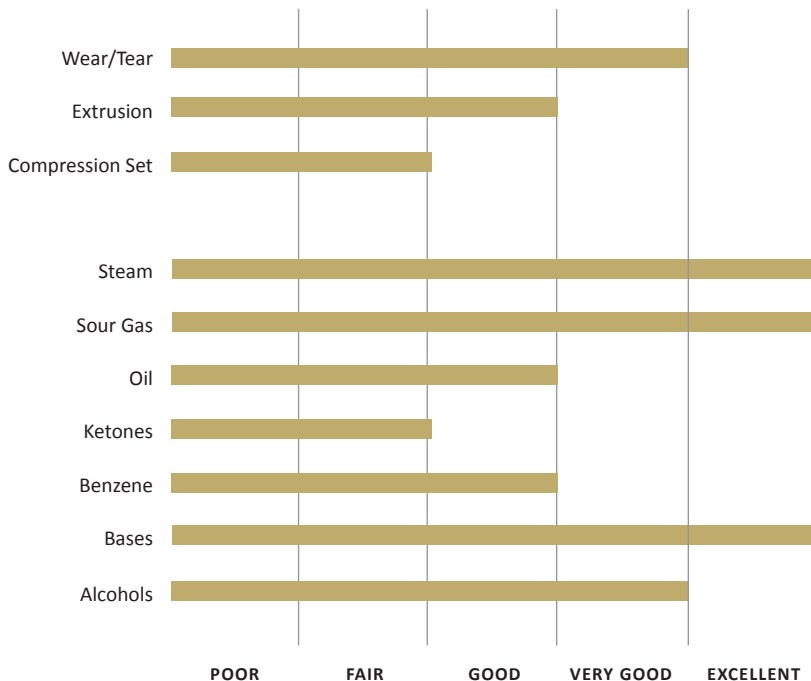
# THERMANITE®

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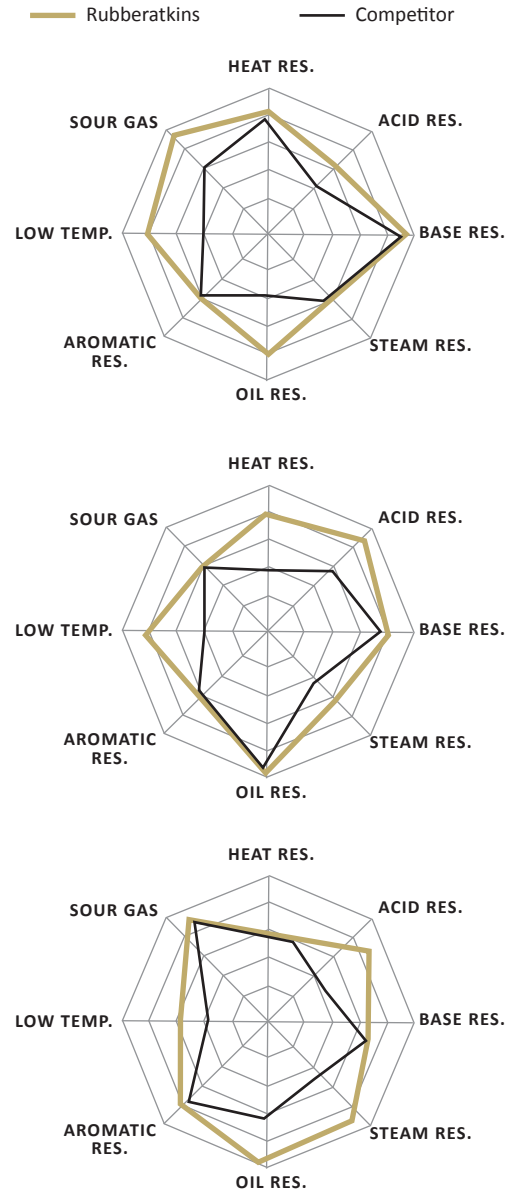
## MATERIAL DATA

ELASTOMER	Thermanite® 1195TH (85 – 90 IRHD)		Thermanite® 1185TH (90 – 95 IRHD)		Test standard
	Conditions	Typical value	Conditions	Typical value	
<b>Tensile strength (MPa)</b>	ambient	>16.0	ambient	>17.0	ISO 37
<b>Elongation at break (%)</b>	ambient	>180	ambient	>100	ISO 37
<b>100% modulus (MPa)</b>	ambient	>11.0	ambient	>16.5	ISO 37
<b>Compression set (%)</b>	22 hrs @ 200 °C	<55	22 hrs @ 200 °C	<40	ISO 815
<b>Hardness (IRHD)</b>	ambient	85 - 90	ambient	90 - 95	ISO 48
<b>Tear strength (N/mm)</b>	ambient	>30	ambient	>30	ISO 48
<b>Effects of fluids</b>	bespoke	-	bespoke	-	ISO 1817
<b>Glass transition (°C)</b>	-	-2	-	0	ISO 22768

## COMPATABILITY



## COMPARISON



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