

# CERAMIC ROPE - ROUND BRAID

Braiding of 1 or more layers around a core.



Associated Gaskets

## Application

Static seals for boilers, ovens, ingot moulds; etc.

## Properties

### TEMPERATURE RANGE:

With Glass Reinforcement	1200°C
With Fibreglass Reinforcement	800°C

COLOUR:	WHITE
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IGNITION LOSS:	16 ±2 %
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THERMAL CONDUCTIVITY:	**0.17 W/m. °C
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CHEMICAL COMPOSITION:	SiO <sub>2</sub>	52 %
	Al <sub>2</sub> O <sub>3</sub>	47 %

\*\* Thermal Conductivity irrespective of either glass or nickel chrome reinforcement.

Section mm	5	6	8	10	12	14	16	18	20	25	30	35	40
Weight - Approx. gms / mtr	9	17	35	45	62	85	120	155	170	260	380	560	720
Packaging mtrs / roll	100	100	100	50	50	50	50	50	30	20	20	20	10

**VITON®**  
Flouroelastomer Rubber



<i>Properties</i>	<i>Units</i>	<i>Value</i>
DuPont™ Dow Compound	%	100% Viton®
Colour		Black
Durometer	Shore A	70° + 5
Tensile Strength	Mpa	8.30
Elongation	%	165
Specific Gravity	gms/cm³	1.81
Temperature Range	°C	-17 to +204
Compression Set, ASTM D395 Method B plied:		
22hrs @ 175°C	%	50% maximum Discs.
Heat Resistance, ASTM D573		
70hrs @ 250°C		
Durometer Change	°Shore A	+9
Tensile Strength	% Change	+27
Elongation	% Change	-39

*General Resistance Properties*

Good resistance to a broad range of oils, fuels, lubricants and most mineral acids. Very good resistance to most aliphatic and aromatic hydrocarbons. Generally attacked by ketones, ethers and some esters. Moderate resistance to water and steam.