



INDUSTRIES 3R

**Danville Office**  
55, route 116 Ouest  
Danville (Québec) Canada  
J0A 1A0

Phone: 819-839-2793  
Fax: 819-839-2797  
Toll-free: 800-567-2728  
E-mail: info@industries3r.com

CORKS

## 3R896



### Description

The 3R896 (100N) is a medium neoprene and cork material extremely durable with superior tensile and tear strength.

### Applications

The 3R896 is highly oil resistant and ideal for transformer sealing applications.

### Specifications

#### Technical Data

Temperature	-40 to 121°C (-40 to 250°F)
Polymer	Synthetic rubber
Color	Natural
Durometer Shore A (ASTM D2240)	50-70
Density (ASTM D3676)	705g/L min.
Tensile Strength (ASTM F152)	1.72 MPa
Compressibility (400 psi), (ASTM F36)	25-35%
Recovery (ASTM F36)	75% min.
Flexibility (ASTM F147)	2 max.
Compression set, Method B, 25% deflection, 22hrs., 70°C (ASTM D395)	60% max.

Immersions Volume change, Oil 1, 70 hrs. 100°C (ASTM F146) (%)	-2 to +20
Immersions Volume change, Oil 3, 70 hrs. 100°C (ASTM F146)(%)	+15 to +50
Immersions Volume change, Fuel A, 22 hrs at RT (ASTM F146) (%)	+0 to +15
Immersions Volume change, Transformer oil, 70 hrs. 100°C (ASTM F146)(%)	+20 to +30

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.