



TG-65 TRANSEAL® (Nitrile)
Premium Black Nitrile for Transformer Gaskets

GENERAL PROPERTIES

- Superior resistance to petroleum-based hydraulic fluids, wide range of service temperatures, very good resistance to alkalis and acids
- Engineered specifically for electrical transformers, meets or exceeds M4094E specifications
- Specification Industry Spec CGE M4094E, ABB EUROPE AND HQ SN 14.1

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SCAN OR VISIT
KOA.link/TG-65

POLYMER
Nitrile (NBR) (BUNA N)

Series	ASTM Specification (SI units)	Temperature Range	Specific Gravity (gr/cc)	Durometer	Tensile Strength (psi)	Elongation (%)
TG-65	D2000 : 2BG625E014E034EA14EF11Z1Z2	-20° to 250°F (-29° to 121°C)	1.17	65 +/- 5	2500 min.	350 min.

ASTM D2000 SPECIFICATION AND TESTS

	ASTM	Description	Value
	D2137	Cold Temperature	-22°F (-30°C) min.
	D395 (Method B)	Compression Set 70 hrs @ 100°C (212°F)	20% max.
	D573	Heat Aging 70 hrs @ 100°C (212°F)	Hardness: +/- 15 Tensile (%): +/-30 max. Elongation (%): -50 max.
	D471	Oil Resistance Oil #1, 70 hrs @ 100°C (212°F)	Hardness: -5 to +10 Tensile (%): -25 max. Elongation (%): -45 max. Volume (%): -10 to +5
		Oil Resistance Oil #3, 70 hrs @ 100°C (212°F)	Hardness: -10 to +5 Tensile (%): -45 max. Elongation (%): -45 max. Volume (%): 0 to +25
		Fuel Resistance Fuel A, 70 hrs @ 23°C (73.4°F)	Hardness: +/- 10 Tensile (%): -25 max. Elongation (%): -25 max. Volume (%): -5 to +10
		Water Resistance 70 hrs @ 100°C (212°F)	Hardness: +/- 10 Volume (%): +/- 15

ADDITIONAL SPECIFICATIONS

Grade	Premium
Finish	See chart below
Powder	See chart below
Color	Black

Item Number	Finish	Powder	Gauge x Width (in)	Avg. Length (Linear Ft./Roll)	Surface (sft)	Approx. Lbs./Roll
306-04-362*	Smooth both sides	Yes	1/16 x 36	100	300	122
306-04-482*	Smooth both sides	Yes	1/16 x 48	100	400	163
306-06-482*	Smooth both sides	Yes	3/32 X 48	75	300	175
306-08-362*	Smooth both sides	Yes	1/8 x 36	50	150	126

continued

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



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Item Number	Finish	Powder	Gauge x Width (in)	Avg. Length (Linear Ft./Roll)	Surface (sft)	Approx. Lbs./Roll
306-08-482	Buffed one side	No	1/8 x 48	50	200	158
306-12-362	Smooth both sides	Yes	3/16 x 36	40	120	137
306-12-482	Buffed one side	No	3/16 x 48	40	160	189
306-16-362	Smooth both sides	Yes	1/4 x 36	40	120	182
306-16-482	Buffed one side	No	1/4 x 48	40	160	250
306-20-362*	Smooth both sides	Yes	5/16 x 36	40	120	237
306-20-482	Buffed one side	No	5/16 x 48	40	160	312
306-24-362	Smooth both sides	Yes	3/8 x 36	30	90	205
306-24-482*	Buffed one side	No	3/8 x 48	30	120	281
306-32-482*	Buffed one side	No	1/2 x 48	30	90	375
308-08-482*	Smooth both sides	Yes	1/8 x 48	50	200	152
308-12-482*	Smooth both sides	Yes	3/16 x 48	40	160	183

*Non-stocked size. Made to order with required number of rolls. Longer lead time applies. Contact Kuriyama Customer Service for details.

Maximum pieces per roll: 2 • Minimum piece length: 10' • Width tolerance: -0 / +1"

Special thickness tolerances apply to TG-65 skus.

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

Total roll length may vary by ±10% for domestically manufactured (TG-TRANSEAL) Series.

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