

PREDATOR 1330 Gaskets

MATERIAL COMPOSITION AND APPLICATION

PREDATOR 1330 gaskets and seals are made using a NSF 61 approved formulation of EPDM [Ethylene Propylene Diene Monomer] to meet the requirements of ASTM D1330-04. This compound is well-suited for creating ANSI/AWWA flange gaskets and custom molded seals used in potable (drinking) water applications.

PREDATOR 1330 is available in molded sheets, which are suitable for flat gasket production. Additionally, specialty shapes and sizes can be achieved through compression and injection molds for exclusive OEM applications in pumps, valves, and filtration products. **PREDATOR 1330** can also be extruded into extended lengths, such as tubing, cord, or custom profile shapes. This gasket compound material meets both the strict requirements of NSF-61 standard and the ASTM D1330 Grade 1 Class A and B standards for use in drinking water systems.

CHARACTERISTICS	ASTM D1330-04	PREDATOR 1330
Compound	Natural, Synthetic	EPDM
Finish - Flat Gaskets	Smooth or Fabric	Fabric
Color	Red or Black	Red
Durometer, Shore A	70 - 85	75 (+/-5)
Tensile Strength, psi (N/mm²)	710(4.9)	1365 (9.5)
Elongation at break, min %	150	520
Compression set at 70°F ± 2°C for 22 ± 0.25 hrs, max %	40	33.44
Air ageing at 70°F ± 2°C for 94 ± 2 hrs, tensile change %	25	17
Air ageing at 70°F ± 2°C for 94 ± 2 hrs, elongation break change %	25	21

PREDATOR 1330 gasket advantages:

Resistant to mild chemicals

High dielectric strength and lower electrical conductivity

Excellent sealing properties

Wide temperature range from -40°C to +121°C [-40°F to +250°F]

Good weathering resistance and can withstand exposure to UV rays and ozone

SERVICE SUMMARY

Temperature range: min to max
-40°F (-40°C) to 275°F (135°C)

P x T max: psig x °F (bar x °C) 30,000 (900)

Dielectric strength: 20.1 kv/mm
ASTM D-149: 510.5 volts/mil
Min seating stress: 2,900 psi (20 MPa)

M&Y design factors: M=1, Y=200
psig (N/mm²): {1.4}

The information provided on this bulletin was provided by the manufacturer Waheguru Rubber Mfg. Co. Pvt. Ltd. Since actual conditions of use are beyond our control, the information provided only serves as a guideline. Users must satisfy themselves that the product is suitable for the intended application. We reserve the right to change product design and properties without notice. O.G. Supply is the exclusive distributor in North America for Predator 1330 manufactured by Waheguru Rubber Mfg. Co. Pvt. Ltd.



**Certified to
NSF/ANSI 61**



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All information in this data sheet is based on data believed to be reliable; however, we make no guarantee or warranty of the performance of Topog-E[®] Series 5000 gaskets. Due to numerous application-specific factors that can influence service life, it is always advisable to first test Topog-E[®] Series 5000 gaskets in a particular application to determine their ultimate suitability.