Zatkoff

CS302-ML MULTI-LAYER GASKET



CS302-ML Multi-Layer Gasket is a high-performance synthetic fiber and NBR binder engineered material that features good resistance to refrigerants and lubricating oils. Its conformable outer layers prevent leakage between the gasket and flanges, while a strong high-density core provides structural support and prevents leakage throughout the gasket.

The unique CS302-ML Multi-Layer Gasket utilizes multi-layer technology to provide exceptional low flange pressure sealability and torque retention.

Common Applications

- Heavy-Duty Truck Transmissions
- Heavy-Duty Diesel Engines
- Compressors with Intermittent Operating Temperatures

VALUE PROPOSITION

- Improved sealability on flange imperfections
- Non-porous, non-wicking material
- Low compressibility
- Cut to desired geometry
- Available in a variety of thicknesses



PROPERTIES

Property	Unit	Typical Value*	Test Method
Temperature	°F max	450	
	°C max	232	
Pressure	max psi	1200	
	max MPa	8.3	
Density	lb/ft^3	112	ASTM F1315
	g/cm^3	1.8	
Compressibility	%	8 – 14	ASTM F36 J
Gas Permeability	ml/min	< 0.5	DIN 3535/6
Recovery	min %	50	ASTM F36 J
Weight Increase	max %	10	ASTM F146 after immersion in Fuel B for 5 hrs @ 73°F
Thickness Increase	%	< 10	ASTM F146 after immersion in Oil IRM 90 for 5 hrs @ 300°F ASTM F146 after immersion in Fuel B for 5 hrs @ 73°F
Creep Relaxation	max %	25**	ASTM F38 B
Sealability	ml/hr	< 0.20**	ASTM F37

ASTM F104 Line Call Out F712121B4E12K6M4

* Typical values refer to 1/16" thick material unless otherwise stated.
** Typical values refer to 1/32" thick material.



For more information, contact your local Zatkoff representative or visit our website.

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WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.