



HANNA RUBBER COMPANY

# Specification Sheet



## CS-301: Standard/Non-Asbestos Gasket Material F339996E99M9

CS-301 has a controlled-swell styrene butadiene rubber binder. It is intended for use in applications with water, high analine point oil, and other applications not including aromatic fuels and certain solvents, and with short duration maximum temperatures up to 180°C (350°F).

### Remarks and Related Documents

Specification values determined by the test methods required for ASTM F-104, Type 3 materials.

Property	Specification	Method
Density, g/cc(lb/cu.ft)	0.61 (38) (min.)	ASTM F 1315
Compressibility, % (at 6.9MPa)	25 - 40	ASTM F 36
Recovery,%	30 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	4.83 (700) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
-Change in Thickness, %	30 (max.)	
-Change in Weight, %	30 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
-Change in Thickness, %	35 (max.)	
-Change in Weight, %	95 (max.)	
Fluid Resistance, Distilled Water		ASTM F 146
-Change in Thickness, %	30 (max.)	
-Change in Weight, %	60 (max.)	
Binder Type	Styrene Butadiene	

**Disclaimer:** The proper use and maintenance of hose and/or ducting manufactured by Hanna Rubber is the sole responsibility of the purchaser and ultimate user of the product. This information is presented as a general guide only. The number of variables which can be present in any application make firm recommendations impossible.