



HANNA RUBBER COMPANY

# Specification Sheet

## HR1171 Polychloroprene (Neoprene) Foam

HR 1171 is an open cell, flexible polychloroprene (neoprene) latex foam. HR 1171 polychloroprene (neoprene) foam is resistant to solvents in addition to excellent fluid transfer characteristics.

The foam is manufactured in multiple densities, each generating unique physical properties as identified in the table below.

### Physical Property Specifications

| Physical Property  | Test Method | Specification Range       |
|--|-------------|---------------------------|
| <b>Density, Apparent</b><br>(pounds/cubic foot)  | ASTM D3574  | <b>Medium:</b> 6.5-7.5    |
|  |             | <b>Firm:</b> 7.5-8.5      |
|  |             | <b>1X-Firm:</b> 9.0-10.0  |
|  |             | <b>2X-Firm:</b> 10.0-11.0 |
|  |             | <b>3X-Firm:</b> 11.0-12.0 |
| <b>Indentation Load Deflection</b><br>25% deflection @ 2 inch<br>(pounds/50 square inch) | ASTM D1055  | <b>Medium:</b> 30-45      |
|  |             | <b>Firm:</b> 45-65        |
|  |             | <b>1X-Firm:</b> 70-90     |
|  |             | <b>2X-Firm:</b> 90-115    |
|  |             | <b>3X-Firm:</b> 115-135   |
| <b>Tensile</b><br>(pounds/square inch)   | ASTM D3574  | 10 minimum                |
| <b>Elongation</b><br>(%)   | ASTM D3574  | 100 minimum               |
| <b>Compression Set</b><br>50% constant deflection (%)                                    | ASTM D1055  | 10 maximum                |

Hanna Rubber accepts no responsibility for results obtained. Each user of these products, or information, should perform their own tests to determine the suitability of the material. Hanna Rubber does not guarantee that the user will obtain the same results. The data and information are subject to change without notice.

**Revision Date:** August 20, 2008



HANNA RUBBER COMPANY

# Specification Sheet

## HR1171 Polychloroprene (Neoprene) Foam

HR 1171 is an open cell, flexible polychloroprene (neoprene) latex foam. HR 1171 polychloroprene (neoprene) foam is resistant to solvents in addition to excellent fluid transfer characteristics.

The foam is manufactured in multiple densities, each generating unique physical properties as identified in the table below.

### Physical Property Specifications

| Physical Property  | Test Method | Specification Range       |
|--|-------------|---------------------------|
| <b>Density, Apparent</b><br>(pounds/cubic foot)  | ASTM D3574  | <b>4X-Firm:</b> 18.0-22.0 |
|  |             | <b>5X-Firm:</b> 24.0-28.0 |
| <b>Indentation Load Deflection</b><br>25% deflection @ 2 inch<br>(pounds/50 square inch) | ASTM D1055  | <b>4X-Firm:</b> 325-375   |
|  |             | <b>5X-Firm:</b> 725-800   |
| <b>Tensile</b><br>(pounds/square inch)   | ASTM D3574  | 10 minimum                |
| <b>Elongation</b><br>(%)   | ASTM D3574  | 100 minimum               |
| <b>Compression Set</b><br>50% constant deflection (%)                                    | ASTM D1055  | 10 maximum                |

Hanna Rubber accepts no responsibility for results obtained. Each user of these products, or information, should perform their own tests to determine the suitability of the material. Hanna Rubber does not guarantee that the user will obtain the same results. The data and information are subject to change without notice.

**Revision Date:** June 6, 2011