



**XP-90R (9 LB.)  
SINGLE STAGE CROSSLINKED POLYETHYLENE**

| Physical Properties: | Test Method: | Values: | Units:  | Values: | Metric Units: |
|----------------------|--------------|---------|---------|---------|---------------|
| Density (Nominal)    | ASTM D3575   | 10      | lb/ft³  | 160     | kg/m³         |
| Tensile Strength     | ASTM D3575   | 215     | psi     | 1482    | k Pa          |
| Tear Strength        | ASTM D3575   | 45      | lb/in   | 803     | kg/m          |
| Elongation           | ASTM D3575   | 90      | %       | 90      | %             |
| Firmness             | ASTM D2240   | 73      | Asker C | 73      | Asker C       |

| Compressive Stress:       |               |                        |              |            |                       |     |
|---------------------------|---------------|------------------------|--------------|------------|-----------------------|-----|
| Compression               | 50%<br>24hr   | ASTM D3575             | <12          | %          | <12                   | %   |
| Compression Strength      | 25%           | ASTM D3575<br>Suffix D | 60           | psi        | 134                   | kPa |
|                           | 50%           |                        | 92           |            | 634                   |     |
| Working Temperature Range | Internal Test |                        | Pending      | °F         |                       | °C  |
| Water Absorption 7 Days   | ASTM-D1667    |                        | Pending      | lbs/sq. ft |                       |     |
| Flammability              | FMVSS 302     |                        | Pass at .09" | Pass/Fail  | 3.59 in/min Burn Rate |     |

| Stock Dimensions: |       |        |
|-------------------|-------|--------|
| Thickness         | Width | Length |
| 2                 | 48    | 96 in. |
| 3                 | 48    | 96 in. |

| Available Color Variances: |
|----------------------------|
| CHARCOAL                   |

| Default Bun Markings |
|----------------------|
| WHITE                |

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