



VITON

THERMODYN CORPORATION

Product Specification: TH-1270 / TD70C

TH-1270 is a general purpose FKM sheet rubber used in various industries. It should be noted that its heat, chemical and compression set resistance are excellent. TH-1270 is compounded with 100% fluoroelastomer (Viton®)*. TH-1270 has a minimum of 66% fluorine and maximum of 70%.

TH-1270 is a fluoroelastomer compound specially designed for sheeting, having 75 ° Shore A hardness and a temperature range -25° to 205°C continuous, but can withstand temperatures to 232°C

Properties

| | |
|---------------------------------|----------------|
| Durometer | 75 ± 5 Shore A |
| Elongation | 250% |
| Tensile Strength | 7,14Mpa |
| Specific Gravity | 1.92 |
| Compression set (22h at 175° C) | 32% |
| Temperature Range | -25°C to 205°C |
| Color | Black |
| Finish | Smooth |

Fluid Resistance - Testing

| | |
|---------------------------------------|----|
| Fuel C; 70 Hrs. @ R.T., % swell | 5 |
| ASTM #3 Oil; 70 Hrs. @ 150° C % swell | 4 |
| 7700 Fluid, 70 Hrs. @ 175°C, % swell | 15 |

Heat Aged 70Hrs @ 250°C

| | |
|-----------------|-------|
| (% Change, T-B) | -28,0 |
| (%Change E-B) | -30,0 |
| (Pts Change) | 4 |