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Garlock Gylon 3510

PTFE Gasketing with barium sulfate filler, off-white in color, this grade is recommended for flange sealing duties with highly aggressive media in the chemical and petrochemical sectors. It is made in a unique process that minimizes or eliminates the creep and flow problems of conventional PTFE products. Gylon 3510 is resistant to strong caustics, moderate acids, chlorine, gases, water, steam, cryogenics, hydrocarbons, and aluminium fluoride. It will not support bacterial growth and conforms to FDA regulations.



Garlock Gylon® 3510

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Physical Properties

| | |
|---|--------------------------------------|
| Color | White |
| Composition | PTFE and barium sulfate |
| Service Temperature | -450 to 500 ° F |
| Service Pressure | 0 to 1200 psi |
| Recovery (minimum) ASTM F361 | 40 % |
| Compressibility (after 1 hour at 210°F) - ASTM F36A | 4 to 10 % |
| Creep Relaxation ASTM F38B | 11 % max |
| Sealability ASTM F37A | 0.04 ml/hr |
| Sealability Din 3535 | less than 0.015 cm ³ /min |
| Max Pressure X Temperature (1/16 Thick) | 350000 F x psig |
| Max Pressure X Temperature (1/8 Thick) | 250000 F x psig |