



SUBMITTAL: EZ-TIGHT GASKETS



DESCRIPTION:

Ez-Tight is a one-piece compression gasket. It is used for joining hub and spigot cast iron soil pipe and fittings made according to ASTM A 74.

GASKET SPECIFICATION:

Ez-Tight gaskets conform strictly to ASTM Standard C 564, latest issue.

JOINT CHARACTERISTICS:

Gasket joints will not leak even if deflected as much as 5 degrees, or when subjected to vibration, seismic tremors, expansion, contraction, external or internal test pressure.

PHYSICAL PROPERTIES

Property	Performance Requirement			ASTM Test Method
	50	60	70	
Hardness (nominal durometer ± 5) as specified by the pipe manufacturer	50	60	70	D2240
Elongation, min, percent	350	300	250	D412
Tensile strength, min, psi (MPa)	1500 (10)	1500 (10)	1500 (10)	D412
Tear Resistance, min, lbf/in. (N/cm)	150 (268)	150 (268)	150 (268)	D624
Compression set, max, percent	25	25	25	D395
Heat aging, 96 h at 158° \pm 2° F (70° \pm 1° C)				D573
Hardness, increase, max, durometer points	10	10	10	–
Loss in tensile strength, max, percent	15	15	15	–
Loss in elongation, max, percent	20	20	20	–
Water absorption:				D471
Weight increase, max, percent	20	20	20	–
Ozone resistance no cracks	no cracks	no cracks	D1149	
Oil immersion:				
Volume increase, max, percent	80	80	80	D471

BRACING:

To prevent movement, horizontal pipe and fittings 5" and larger should be suitably braced by the use of blocks, rodding or other suitable methods at every branch or change of direction.

TEST:

For best results, test one floor (ten feet) at a time. The system should be properly restrained; all bends, changes of direction and ends of runs should be restrained.

GASKET MATERIAL:

Ez-Tight gaskets are made of Neoprene as the sole elastomer. The physical characteristics of the Neoprene ensure that the gasket will not decay or deteriorate from contact with effluents in the pipe or chemicals in the soil or air around the pipe.

NOTE: An adhesive lubricant is required for TY-SEAL and EZ-TITE gasket sizes 5-inch and larger diameters. Tyler offers LUBRI/FAST® LUBRICIANT for this application.

HOW TO SPECIFY:

All 2-inch through 6-inch hub and spigot cast iron soil pipe and fittings shall conform to ASTM A 74; joints shall be made either by caulked lead and oakum or by compression gaskets which conform to ASTM C 564.