

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 Specifications:

EZ-Tight gaskets conform strictly to ASTM C 564, latest issue

Joint Characteristics:

Gaskets joint 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.

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 brand 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 primary elastomer, conforming to ASTM C 564. 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.



Size	Unit	Carton	Weight
2	.3	60	18
3	.4	40	16
4	.6	40	24
5	1.2	30	35
6	1.4	30	40

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

Properties	Values	Values	Values	ASTM Method
Hardness (normal durometer ± 5) as specified by the pipe manufacturer	50	60	70	D 2240
Elongation, min, percent	350	300	250	D 412
Tensile strength, min, psi (MPa)	1500 (10)	1500 (10)	1500 (10)	D 412
Tear resistance, min, lbf/in. (N/cm)	150 (268)	150 (268)	150 (268)	D 624
Compression set, max, percent	25	25	25	D 395
Heat aging, 96h at 158° ± 2°F (70° ± 1C)				D 573
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:				D 471
Weight increase, max, percent	20	20	20	—
Ozone resistance	No cracks	No cracks	No cracks	D 1149
Oil Immersion				
Volume increase, max, percent	80	80	80	D 471