

SUBMITTAL — AB&I Foundry EZ-Tight Gaskets



Hub & Spigot EZ-Tight Compression Gaskets

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

Description

EZ-Tight is a one piece compression gasket used for joining hub & spigot cast iron soil pipe and fittings made in accordance with ASTM A 74.

Gasket Material

EZ-Tight gaskets are comprised of genuine Neoprene® as the sole elastomer. Gasket composition ensures that the product will not decay or deteriorate from contact with the effluents found in pipe, chemicals in the soil, or air surrounding the pipe.

Gasket Specification

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

Joint Characteristics

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

Physical Properties of EZ-TITE Gaskets

Physical Property		Performance Requirement		ASTM Test Method
Hardness (nominal durometer ± 5) as specified by the pipe manufactured	50	60	70	D 2240
Elongation, min, percent	350	300	250	D 412
Tensile Strength (min. psi) (MPa)	1500	1500 (10)	1500 (10)	D 412 (10)
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, 96 hr at 158°F $\pm 1^\circ$ F				D 573
Hardness, increase, max, durometer points	10	10	10	
Loss in tensile strength, max, %	15	15	15	
Loss in elongation, max, %	20	20	20	
Water absorption				D 471
Weight increase, max, %	20	20	20	
Ozone resistance	no cracks	no cracks	no cracks	D 1149
Oil immersion: volume increase (max %)	80	80	80	D 471

SUGGESTED SPECIFICATION:

All 2" through 6" hub & 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.