



TY-SEAL Gasket Submittal

S10080 Rev.02-13



SV TY-SEAL 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
8	1.6	20	34
10	2.0	10	22
12	2.5	10	28
15	3.8	10	40

DESCRIPTION

TY-SEAL is a one piece compression gasket. It is used for joining hub & spigot cast iron soil pipe and fittings made according to ASTM A74.

GASKET MATERIAL

TY-SEAL gaskets are made of Neorene® 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.

GASKET SPECIFICATION

TY-SEAL gaskets conform strictly to ASTM Standard C 564, latest issue. The TY-SEAL mil specifications meet or exceed all requirements.

PIPE SPECIFICATION

Hub & spigot cast iron soil pipe and fittings comply with the latest issue of ASTM A 74, ANSI A 112.5.1 and Federal Specification WW-P-401E.

JOINT CHARACTERISTICS

TY-SEAL gasket joints will not leak even if deflected as much as 5° or when subjected to vibration, seismic tremors, expansion, contraction, external or internal test pressure.

QUALITY CONTROL

Company laboratory tests ensure that finished gaskets conform to all specifications.

AVAILABILITY OF PRODUCTS

Cast iron soil pipe and TY-SEAL gaskets are sold through recognized plumbing distribution channels.

PLUMBING CODES

National plumbing codes and government agencies now provide for gasket joints.

DOCUMENTS

Certificates and reports validating all statements contained herein will be supplied on written request.

Suggested Specification



All 2" through 15" 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.

[See back for Physical Properties and Installation Instructions]



MADE IN USA



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Physical Property	Test Method	Performance Requirement
Hardness, durometer A Tensile Strength Elongation Break Tear Resistance	ASTM D 2240 ASTM D 412 ASTM D 412 ASTM D 624 (Die C)	70+/- 5 points 1500psi max 250% min 150 lbs per lin inch, min
Resistance to Heat Aging Change in original properties afte 96hrs at 158°F Hardness Elongation Tensile Strength	ASTM D 573	+/- 10 points, max -20% max -15% max
Resistance to Oil Aging Change to volume after 70hrs immersion in ASTM Oil No. 3 at 212°F	ASTM D 471	80% max
Resistance to Ozone Condition after exposure to 150pphm Ozone in air for 100hrs at 140°F (40°C) - sample under 20% strain	ASTM D 1149	No cracks
Resistance to Permanent Set Compression Set after 22hrs at 158°F Compression Set after 22hrs at 14°F	ASTM D 395 (Method B) ASTM D 1229	25% max 60% max

Installation Sequence

