



HydraTite™ Sealing System

**EPDM Rubber Specifications: M4AA710A13B13C12EA14Z1Z2Z3
Manufactured in Accordance with ASTM-D3900, D3568, D2000**

PHYSICAL PROPERTIES

SPECIFICATION

Durometer (pts) ASTM D-2240	65+5
Tensile (psi) ASTM D-412	1450 min.
Elongation (%) ASTM D-412	350 min.

SUFFIX A13 ASTM D-573

Heat Aged 70h 70°C

Durometer (pts)	+15
Tensile change (%)	+30
Elongation change (%)	-50 max.

SUFFIX B13 ASTM D-395B

Compression set 22h 70°C

(%) Permanent set	25 max.
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SUFFIX C12 ASTM D-1171

(%) Ozone resistance	85 min.
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SUFFIX Z1

Z1: The material shall be an EPDM polymer where all the ingredients are listed in FDA Title 21 Code of Federal Regulations Section 177.2600 Rubber Articles Intended for Repeated Use with the final material not supporting microbiological growth when used in potable water or sea water or in humid aerobic conditions.

SUFFIX Z2 FLUID AGING D471

Z2: The volume change of the rubber shall not exceed 3% after immersion in fresh or sea water at 100° C for 70 hours.

SUFFIX Z3

Z3: The stress relaxation shall not exceed 12% when tested from the time of 30 minutes to 24 hours in accordance with British Standard Method of testing Vulcanized Rubber Part A42 determination of stress relaxation.

Comments: Suffixes Z1-Z3 are specified by HydraTech Engineered Products LLC.

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(LRD: 08/17/04)