SIGMA WATERWORKS

TNEMEC® 140-1211 COATING

TNEMEC ®140-1211 PRIMER COATED

C153 DUCTILE IRON MECHANICAL JOINT FITTINGS

TNEMEC

TNEMEC ® Series N140 Pota-Pox® Plus Innovative potable water coating offers high-build edge protection and allows for application at a wide range of temperatures (down to 35°F or 2°C with 44-700 Accelerator). It is for use on the interior and exterior of steel or concrete tanks, reservoirs, pipes, valves, pumps and equipment in potable water service.

Testing

In accordance with ANSI/AWWA C153/A21.53.

In accordance with UL - FM requirements.

All fittings are hydrostatically tested in accordance with SIGMA Quality Management Standard.

All fittings are heat coded to ensure traceability and verification of metallurgical properties in accordance with the prevailing standards and SIGMA Quality Management Standards.

Laying Length

Short body design - straight section of body deleted to provide a compact and lighter fitting without reducing strength or flow characteristics.

In accordance with ANSI/AWWA C153/A21.53.

Gaskets & T-Bolts

SBR in accordance with ANSI/AWWA C111/A21.11.

Also available in EPDM, NBR and CR.

Installation

Per ANSI/AWWA C600 and C111 using DIP conforming to C150/C151 and PVC pipe conforming to C900/C905.

Specifications

Sizes
2"-64"

Material
Ductile Iron ASTM A536, Grade 65-45-12, 60-42-10 or 70-50-05

Pressure Rating

2"-24"	350 PSI
30"-48"	250 PSI
54"-64"	150 PSI

Water Working Pressure

Max. Deflection

3"-4"	8 Degrees
6"	7 Degrees
8"-12"	5 Degrees
14"-48"	3 Degrees

For MJ Joint on a full lenght pipe.

Approvals & Standards

- 3"-16" Underwriters Laboratories listed and Factor Mutual Approved
- Certified to NSF/ANSI/CAN 61 and NSF/ANSI 372
- ANSI/AWWA C153/A21.53 for Compact Ductile Iro Fittings 2"-64" for water and other liquids

NSF UL LISTED AWWA MEMBER FM APPROVED

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