



COMMONWEALTH of VIRGINIA

ROBERT B. STROUBE, M.D., M.P.H.
STATE HEALTH COMMISSIONER

Department of Health

P. O. BOX 2448
RICHMOND, VA 23218

November 23, 1992

GMP # 11

MEMORANDUM

TO: District Directors
Environmental Health Managers
Environmental Health Supervisors

FROM: David Effert, ^{DE} Technical Services Chief
Division of Onsite Sewage and Water Services

SUBJECT: Approval for Use - Tuf-Tite Connectors

Tuf-Tite, Inc. has received provisional approval for a period of one year for the use of two new products in Virginia. Provisional approval means that the products can be installed in an unlimited number during the one year period. During that time, please report any problems associated with the use of the product to the Division of Onsite Sewage and Water Services. At the end of the period of conditional use, any reported problems will be reviewed. At that time, the products will either be approved unconditionally, provisional approval will be extended, or if major problems are reported, the use of the products in Virginia will be rescinded.

The two provisionally approved products are a MF-4 male-female connector, and a FF-4 female-female connector. These pipe connectors have been provisionally approved for the following uses.

The MF-4 male-female pipe connector can be used:

1. To connect 4" diameter corrugated pipe to 4" diameter smooth wall pipe. Note that this connection can occur in two ways. The male end of the connector can fit into a smooth thin wall pipe coupling. This is neither a water tight nor a mechanically snug fit. Therefore, the manufacturer recommends that solvent cement be used on the MF-4 fitting to decrease the likelihood of the fitting pulling out of the thin

wall pipe coupling. The MF-4 connector is made of polyethylene which does not develop a watertight seal or bond with PVC pipe. The solvent cement is used only to decrease the likelihood of the fitting pulling out of the thin wall pipe coupling.

According to the manufacturer, the MF-4 connector can also fit directly over 4" diameter thin wall pipe. Note that this is a very tight fit. It is important that the MF-4 connector extend for a distance of not less than 1.25 inches over the thin wall pipe, or the coupling may come off of the thin wall pipe during the backfilling process.

2. To connect 4" corrugated pipe to a plastic distribution box. Note that this requires the use of an appropriate plastic seal. (See attached manufacturer's literature).
3. To receive a speed leveler when corrugated pipe is used. Note that this requires the use of an appropriate plastic seal. (See attached manufacturer's literature).

The FF-4 female-female pipe coupler can be used:

1. To connect 4" corrugated pipe to 4" corrugated pipe.

If you have any questions, please contact me at (804) 786-1750.

dde/

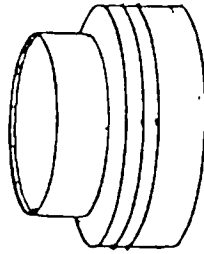
pc: Division of Onsite Sewage and Water Staff

GMP # 11

SEWAGE - ONSITE - PIPE - PRODUCT APPROVAL

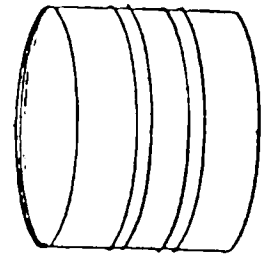


MF-4



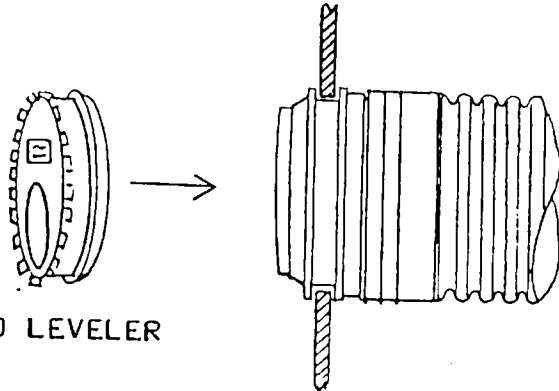
CORRUGATED PIPE
TO
PLASTIC SEAL
OR
SDR SOCKET

FF-4



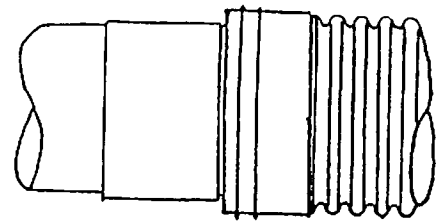
CORRUGATED PIPE
TO
CORRUGATED PIPE

MF-4



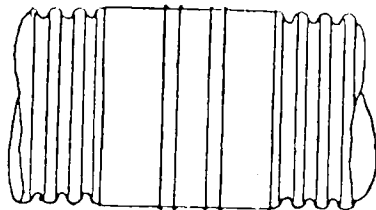
SPEED LEVELER

PLASTIC SEAL
IN PLASTIC OR CONCRETE
WALL



SDR
COUPLING-ELL-TEE
SOCKET

FF-4



TUF-TITE INC.

1-800-382-7009

FAX 1-708-382-7022

8A HILLSIDE DRIVE BARRINGTON, IL 60010



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ROBERT B. STROUBE, M.D., M.P.H.
STATE HEALTH COMMISSIONER

Department of Health

P. O. BOX 2448
RICHMOND, VA 23218

September 30, 1992

Mr. Ted Meyers, President
Tuf-Tite, Inc.
8-A Hillside Drive
Lake Barrington, Illinois 60010

RE: Tuf-Tite Connectors
Project Number 093092A

Dear Mr. Meyers:

The Division of Onsite Sewage and Water Services has received for review specifications for MF-4 and the FF-4 pipe connectors. This office has assigned the name Tuf-Tite Connectors to this project. The file number is 093092A. Please reference the project name and number in all correspondence or phone calls made with regard to this project.

Projects are reviewed in the order in which they are received. Projects which have been revised once are also reviewed in the order in which they are received. Projects which require more than one revision are reviewed as time permits.

The Tuf-Tite Connectors project will be reviewed in as timely a manner as possible. If you have any questions, please contact me at (804) 786-1750.

Sincerely,

Roger A. Cooley
Assistant Technical Services Chief
Division of Onsite Sewage and
Water Services

RAC/cms

VDH VIRGINIA
DEPARTMENT
OF HEALTH
Protecting You and Your Environment

Tuf-Tite Inc
8A Hillside Drive
Barrington IL 60010
1-800-382-7009

September 24, 1992

David Effert
Virginia Department of Health
1500 East Main Street Room 117
Richmond VA 23219

Attention: Mr. David Effert

Re: Enclosed Samples

Dear Mr. Effert:

Enclosed are two new products from Tuf-Tite which I am submitting for approval in Virginia.

The MF4 is a male-female connector which is used for the following:

1. To connect corrugated to smooth wall pipe.
2. To connect corrugated to a distribution box.
3. To receive a speed leveler when used with corrugated pipe.

The other fitting is a female to female coupler used to connect corrugated to corrugated pipe.

Both fittings are made of polyethylene and provide a water tight connection when used in the above application.

If you have any questions, please call me at 1-800-382-7009.

Sincerely yours,

Ted Meyers
President

TM/ssr

Enclosures-Sample Parts

cc: Art Daube