

Guideline Specifications

Split Repair Products

About the Product

The Split repair products line includes a family of urethane products that are used to repair failed penetration fittings, terminating and test reducers. Additionally this line includes spill containment liners and a family of repair kits. Custom products are included here as well for specialty repair applications. These urethane products are normally shipped split from the factory and are designed to be solvent welded together in the field. Once solvent welded these products are typically filled and/or painted with the UL listed polysulfide to inhibit any hydrolysis. The urethane selected by Diversified has these desirable characteristics with benefits that other manufacturers may or may not provide.

Chosen for high fuel and water resistant

Hydrolysis inhibited material

Easily solvent welded in the field

See through product- Technicians can witness a complete filling of the repair boot

Guideline specifications:

Terminating and Test Reducer Repairs (SR-RZ x.x)

Provide Split test reducers as shown on the drawings or as otherwise specified. Split reducers shall be manufactured out of virgin, hydrolysis inhibited polyurethane. The urethane selected shall be neutral in color to allow visual checking of any fill that may be used with the reducer.

Reducers shall be available for all sizes of double wall containment found in the Petroleum Equipment Industry. Sizes shall be available from 1" through 6" for double wall contained pipe systems including metric pipes.

Reducers shall include a stainless steel "molded in" air test valve. Brass or push in style air valves shall not be acceptable.

Split reducers shall be solvent welded together using a solvent weld material manufactured from the same virgin materials used to make the reducer.

After installation, all reducers shall be painted using Diversified's polysulfide paint CH-DBF II.

Inserts (Donuts) (SR-UIx.x)

Provide inserts as necessary to adapt existing or new reducers, couplings or pipes to another sized reducer, coupling or pipe.

Inserts shall be manufactured out of virgin, hydrolysis inhibited polyurethane. The urethane selected shall be neutral in color.

When used with other Diversified Split Repair Products, inserts shall be solvent welded to those products using Diversified's CH-DGK-4 or CH-DGK-16 glue kits.

After installation, all reducers shall be painted using Diversified's polysulfide CH-DBF II.

Caps & Plugs (SR-UI_Cap & SR UI_Plug)

Provide Caps and/or plugs as shown on the drawings or as otherwise specified. Caps and plugs shall be manufactured out of virgin, hydrolysis inhibited polyurethane. The urethane selected shall be neutral in color.

After installation, all reducers shall be painted using Diversified's polysulfide paint DBF II.

Plugs may be ordered as a custom product when factory manufactured holes are required.

Corrugated Duct Inserts (SR-CDI_)

Inserts are to be used to center primary single wall or double wall pipe inside the corrugated ducting.

Provide corrugated duct inserts as shown on the drawings or as otherwise specified. These inserts shall be available for both 3" & 4" corrugated ducting.

Corrugated Duct Inserts shall be manufactured out of virgin, hydrolysis inhibited polyurethane. The urethane selected shall be neutral in color.

Corrugated Duct Seals

Corrugated Duct Seals are provided to assist in preventing the crushing of the corrugated duct system. Seals are located under band clamps that are sealing a boot, sleeve or other product to the outside diameter of the ducting.

Provide Corrugated Duct Seals to fit the corrugated ducting installed. Corrugated duct seals shall be either alcryn molded to fit the specific ducting or shall be urethane seals that are split, cut to match the duct diameter and solvent welded together in the field. Provide Corrugated Duct seals to match the ducting, either the traditional style or lined style ducting.

Repair Kits

Repair kits shall be available for:

Spill Containment Liners	SR-SCL-
Shallow Dispenser Pan Applications,	SR-RKZ-5SDP
TCI cuffed sumps and other Cuffed prod.	SR-MKZ TCI Cuff
Corrugated Duct Closure Kits,	SR-CDCK
Vapor Recovery Line Closure Kits	SR-VRCK
Below grade to above grade Transition Kits	SR-TK 5.6x4.5x3.6
Turbine Riser Repair Kits.	SR-TRK 14x4.5

Provide Repair kits as shown on the drawing or as otherwise specified.

Repair kit components shall be manufactured out of virgin, hydrolysis inhibited polyurethane. The urethane selected shall be neutral in color.

After installation, all reducers shall be painted using Diversified's polysulfide paint DBF II.

Remote Fill Assemblies

It is often difficult to fill repair boots located inside under dispenser containment and sometimes in tank sumps. Remote fill assemblies are created by solvent welding ½" vinyl tubing to a tube by male and tube by female end pieces. The male fits the fill port on Diversified's filled boots. The Female port fits the static mixers CH-DSM I used to dispense the polysulfide fill material CH-DBF II. The product line also has tube by tube connectors and a plug that seals a female fitting. The RFA assembly is bonded into the fill port of the repair boot and is long enough to allow the filling to be performed from grade level. When the fill is cured, cut off the RFA assembly at the boot and dispose.

Provide SR-RFA remote fill assemblies wherever filling a repair boot is difficult from lack of space.

Shipping Restrictions & Data

Follow all installation instructions provided with the repair kits.

Split repair Products shall be UL Listed

All split repair products shall be manufactured in the USA