



UNISEALS

Effective
July 1, 2000

A positive, mechanical pipe-to basin seal for flat or curved surfaces.

Uniseals are designed for holding tanks but work well in any application where pipe penetrations are required. Perfect for hydroponic growers, pond suppliers, and reef and marine industries. Proven applications include wastewater lift stations, valve boxes, sump risers, pump stations, dispenser pans, junction boxes cooling systems and boats.

Uniseals were designed for pipes with standard outside diameters (schedule 40). The tapered inner diameter forces the outer diameter to expand and securely seal the penetrating pipe or tubing without adhesive, hardware or threads. It will seal to flat or curved surfaces even if the penetrating pipe is at an angle as great as 15 degrees.

Uniseals are made from Alcryn®, a tough, pliable thermoplastic developed by DuPont. It has excellent resistance to most chemical compounds, petroleum products, methanol, ethanol and most soil.

PART NUMBER	DESCRIPTION
U038	Pipe Seal for 3/8" piping (0.675" OD), through 1" hole
U050	Pipe Seal for 1/2" piping (0.840" OD), through 1-1/4" hole
U075	Pipe Seal for 3/4" piping (1.050" OD), through 1-1/4" hole
U100	Pipe Seal for 1" piping (1.315" OD), through 1-3/4" hole
U125	Pipe Seal for 1-1/4" piping (1.660" OD), through 2" hole
U150	Pipe Seal for 1-1/2" piping (1.900" OD), through 2-1/2" hole
U200	Pipe Seal for 2" piping (2.375" OD), through 3" hole
U300	Pipe Seal for 3" piping (3.500" OD), through 4" hole
U400	Pipe Seal for 4" piping (4.500" OD), through 5" hole
U600	Pipe Seal for 6" piping (6.625" OD), through 7" hole
UECG	Electric Cord Grommet, seals up to 3 cords through a 2" hole

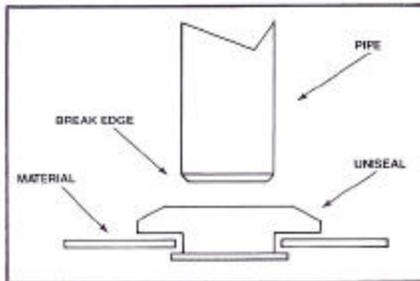
ALCRYN® is a trademark of E.I. DuPont Co., Inc.

UNISEAL

A Tight Seal with no Adhesive, Hardware, or Threads.

UNISEAL is a new pipe-to-tank seal (grommet) that provides positive mechanical sealing for a wide range of pipe and tubing.

UNISEAL was designed for holding tanks but works well in any application where pipe penetrations are required. Proved applications include: waste water tanks, sump risers, pumping stations, dispenser pans, valve boxes, junction boxes, cooling systems and boats to name a few. It is ideal for use with PVC, galvanized steel, copper, EMT, rigid conduit, fiberglass and polyethylene pipe.



UNISEAL was designed for pipes of standard outside diameter (SCH 40). The tapered inner diameter forces the outer diameter to expand and securely seal the penetrating pipe/tubing without adhesive hardware or threads. It will seal for any flat or curved material even if the pipe is at an angle as great as 15°.

UNISEAL is made from Alcryn®, a tough, pliable thermoplastic developed by DuPont. It has excellent resistance to most chemical compounds, petroleum products, methanol, ethanol and most soil conditions.

The following is a summary of SEVEN DAY IMMERSION TESTS performed by E.I. DuPont on Alcryn® UNISEAL is 100% Alcryn.

FLUID AND IMMERSION CONDITIONS	PROPERTIES					
	100% MODULUS, PSI	TENSILE STRENGTH, PSI	ELONGATION, %	HARDNESS, A	WEIGHT CHANGE, %	VOLUME CHANGE, %
CONTROL	575	1200	350	72		
UNLEADED GAS	477	1021	273	57	23.02	30.2
JET FUEL A	586	1337	390	85	4.67	10.32
JP-4	577	1325	393	62	2.15	8.77
AVIATION GAS	824	1412	40	70	-5.02	0
FUEL C & 15% METHANOL	438	481	122	46	65.59	101.14
FUEL C & 15% ETHANOL	492	585	128	48	58.57	91.00
DIESEL FUEL	619	1447	385	66	4.89	9.04
70% SULFURIC ACID	592	1251	293	68	0	0

Alcryn E-2070 BK

Testing shows that, in most cases, Alcryn expands slightly, thus improving the seal.

INSTALLATION INSTRUCTIONS

1. Place UNISEAL into clear cut entry hole.
2. Apply UNI-SLICK to inside diameter of UNISEAL.
3. Apply UNI-SLICK to outside diameter of pipe to be introduced.
4. Force pipe through the UNISEAL.
5. Apply additional UNI-SLICK to the pipe and UNISEAL as needed.

Hole saws, lubricants, adhesives and the full line of complimentary products are available through Topp Industries or Topp distributors.



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