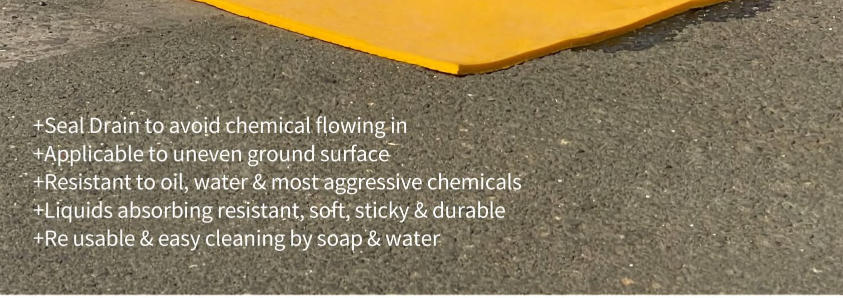
Up Quark
Email:info@upquarksafety.com
Website:http://www.twksafety.com

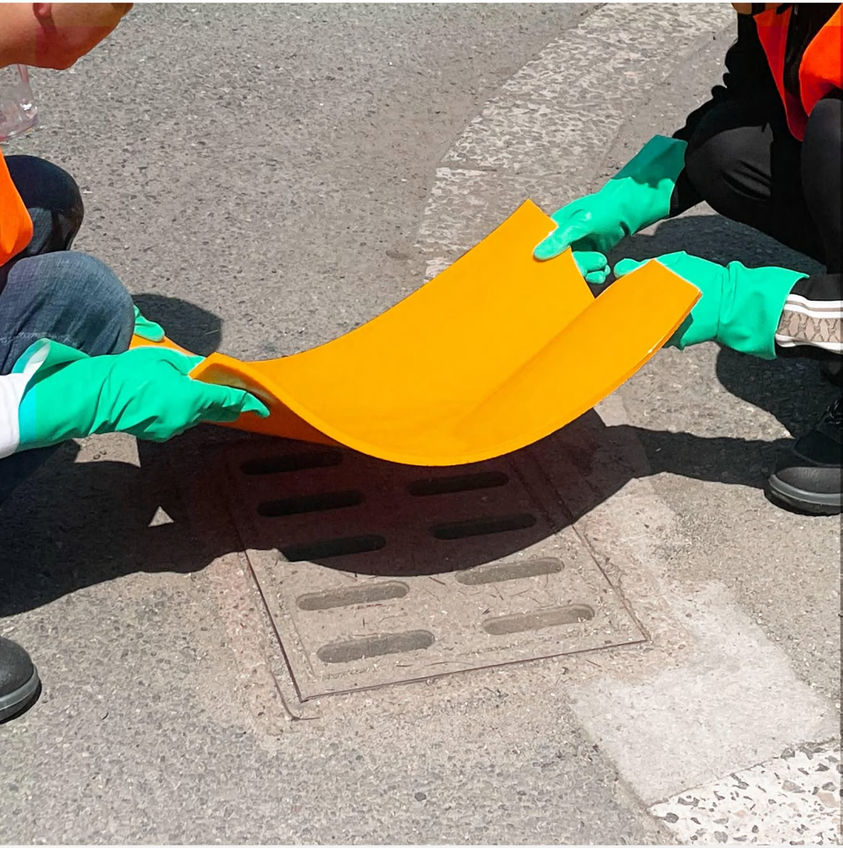
UPQUARK

Drain Spill Cover

UPQUARK drain spill cover is spill response product, and it prevents hazardous spills flowing into drains by ground surface sealing. For use in response to container leaks and small chemical spills. They can be quickly deployed to seal floor or storm drains until the spill or leak can be cleaned in accordance with local and state regulations.



+Seal Drain to avoid chemical flowing in
+Applicable to uneven ground surface
+Resistant to oil, water & most aggressive chemicals
+Liquids absorbing resistant, soft, sticky & durable
+Re usable & easy cleaning by soap & water



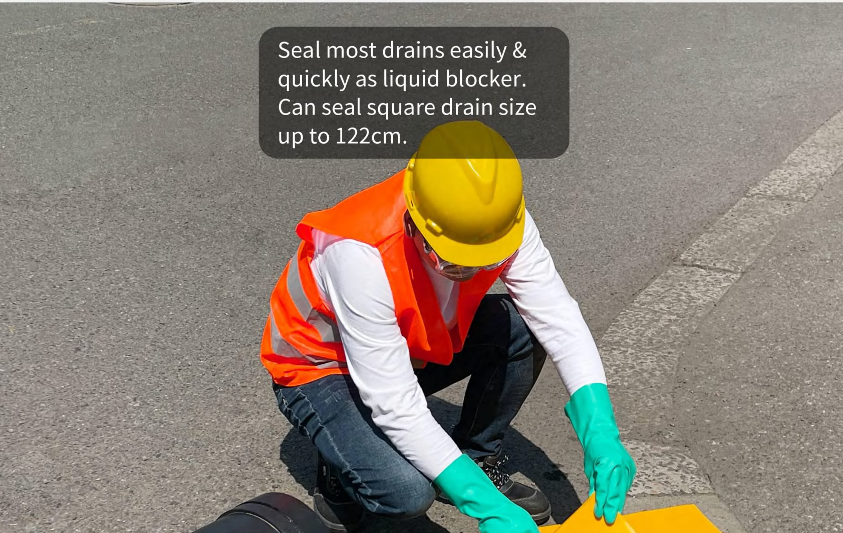
TECHNICAL DATA SHEET

Model	Color	Product Shape	Composition	Dimensions LxWxHmm (in.)	Weight(lb)	For Max Drain Size mm(in.)
DCS1046	Safety Yellow	Square	Polyurethane	460x460x10 (18”x18”x0.4”)	2.7(5.9)	305(12”)
DCS1061	Safety Yellow	Square	Polyurethane	610x610x10 (24”x24”x0.4”)	4.7(10.4)	460(18”)
DCS1092	Safety Yellow	Square	Polyurethane	920x920x10 (36”x36”x0.4”)	11(24)	760(30”)
DCS1107	Safety Yellow	Square	Polyurethane	1070x1070x10 (42”x42”x0.4”)	14(31)	920(36”)
DCS1122	Safety Yellow	Square	Polyurethane	1220x1220x10 (48”x48”x0.4”)	18(39)	1070(42”)
DCS1137	Safety Yellow	Square	Polyurethane	1372x1372x10 (54”x54”x0.4”)	22.76(50)	1220(48”)

* Exposure Limit for Liquid：≤ 107°C less than 30 Minutes

* Storage Temp：17.7ºC - 48.8ºC

* Operating Temp：17.7ºC - 71.1ºC



Seal most drains easily & quickly as liquid blocker. Can seal square drain size up to 122cm.

Emergency Spill
Response Drain Cover
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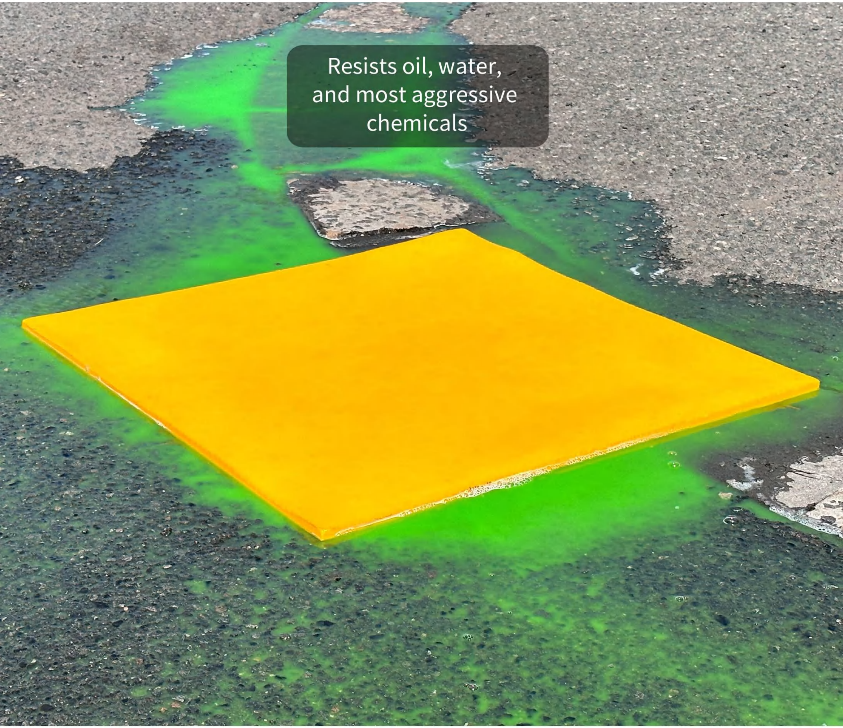
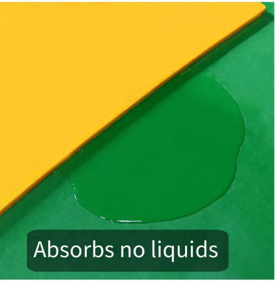
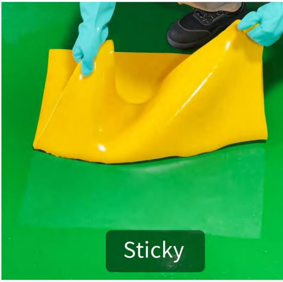
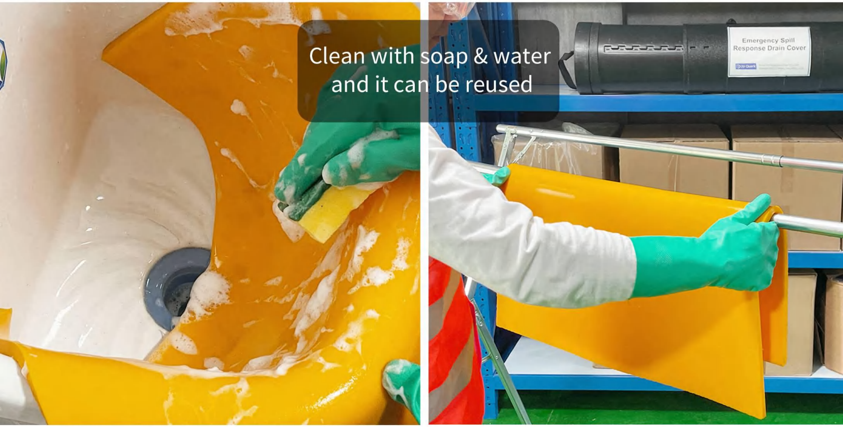
Applicable for uneven ground surface


Resists oil, water, and most aggressive chemicals


Absorbs no liquids



Reinforced tear-resistant



Clean with soap & water and it can be reused

Emergency Spill Response Drain Cover
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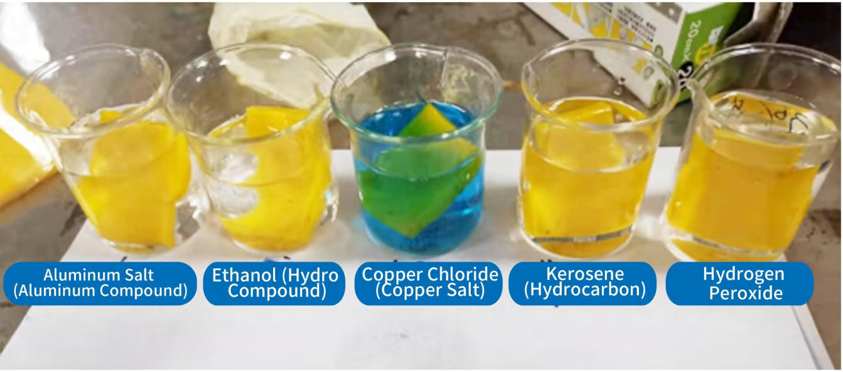
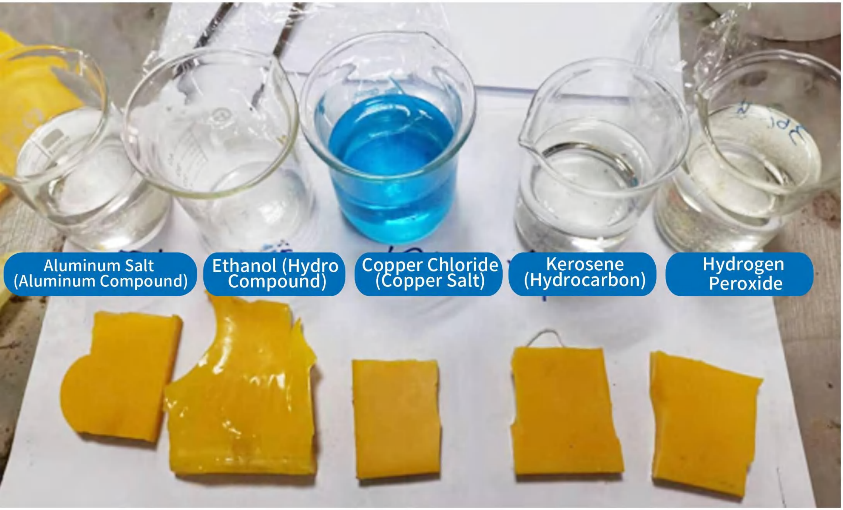
Anti-UV Plastic Storage Case extend the service life of drain cover seals, easy transportation and storage

Test Result:

Test Duration & Shape Change	Aluminum Salt (Aluminum Compound)	Ethanol (Hydro Compound)	Copper Chloride (Copper Salt)	Kerosene (Hydrocarbon)	Hydrogen Peroxide
2 Hours	N	Expanding	N	N	N
6 Hours	N	Expanding	N	N	N
24 Hours	N	Expanding	N	N	N
Liquid Applicable	Yes	No	Yes	Yes	Yes


Aluminum Salt (Aluminum Compound)
Ethanol (Hydro Compound)
Copper Chloride (Copper Salt)
Kerosene (Hydrocarbon)
Hydrogen Peroxide


Aluminum Salt (Aluminum Compound)
Ethanol (Hydro Compound)
Copper Chloride (Copper Salt)
Kerosene (Hydrocarbon)
Hydrogen Peroxide

Chemical Compatibility for polyurethane

Chemical	Swelling	Degradation	Recommended Grade
Aluminum Salts	none	none	Recommended
Barium Salts	none	none	Recommended
Boric Acid	none	none	Recommended
Butanol	none	none	Recommended
Calcium Chlorite	none	none	Recommended
Cupric Chloride	none	none	Recommended
Formaldehyde	none	none	Recommended
Gasoline	none	none	Recommended
Glycol Ether	none	none	Recommended
Hexane	none	none	Recommended
Hydrochloric Acid (5%)	none	none	Recommended
Hydrogen Peroxide (8%)	none	none	Recommended
Jet Fuel (JP-5)	none	none	Recommended
Kerosene (Hydrocarbon)	none	none	Recommended
Methanol	none	none	Recommended

Mineral Oil	none	none	Recommended
Naphtha	none	none	Recommended
Propylene Glycol	none	none	Recommended
Sodium Hydroxide (50%)	none	none	Recommended
Saturated Calcium Hydroxide	none	none	Recommended
Tetrachloroethylene	none	none	Recommended
Triethylamine	none	none	Recommended
Turpentine	none	none	Recommended
Water	none	none	Recommended
Copper chloride	none	none	Recommended
Acetonitrile	slight	none	Temporary
Benzyl Alcohol	slight	slight	Temporary
Carbon Disulfide	slight	slight	Temporary
Diethylamine	slight	slight	Temporary
Ethyl Acetate	slight	none	Temporary
Hydrogen Peroxide (30%)	slight	none	Temporary
Toluene	slight	none	Temporary
1,1,1-Trichloroethane	slight	none	Temporary
Trichloroethylene	slight	none	Temporary
Acetone	significant	none	Not recommended
Cyclohexanone	slight	significant	Not recommended
Dichloromethane	significant	significant	Not recommended
Diethylformamide	significant	significant	Not recommended
Hydrochloric Acid (37%)	none	significant	Not recommended
Hydrofluoric Acid (48%)	none	significant	Not recommended
Methyl Ethyl Ketone	significant	none	Not recommended
Nitrobenzene	none	significant	Not recommended
Phenol	none	significant	Not recommended
Sulfuric Acid (50%)	none	significant	Not recommended
Sulfuric Acid (98%)	none	significant	Not recommended
Tetrahydrofuran	none	significant	Not recommended

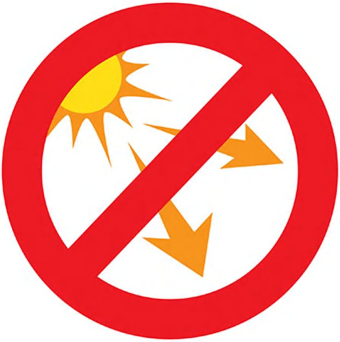
*IMPORTANT USER NOTICE FOR BOTH THE POLYURETHANE & POLYETHYLENE CHEMICAL COMPATIBILITY GUIDES

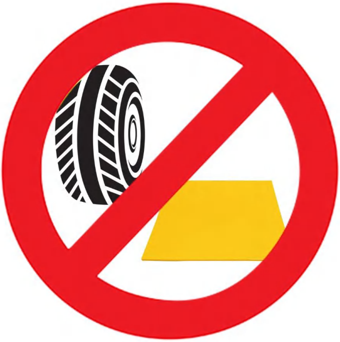
The data contained herein is a compilation of existing published data from leading manufacturers of polyurethane and does not represent actual testing performed by NINGBO SANYOU ENVIRONMENTAL PROTECTING TECHNOLOGY CO.,LTD

This listing is offered only as a guide and utilizes information which, to the best of UPQUARK's knowledge, is accurate and reliable. Due to variables and conditions of application beyond the control of UPQUARK, none of the data shown in this guide is to be construed as a guarantee, expressed or implied. NINGBO SANYOU ENVIRONMENTAL PROTECTING TECHNOLOGY CO.,LTD assumes no responsibility, obligation or liability in conjunction with the use or misuse of the information herein.

NOTICE

Drain spill cover is not a long- term spill containment solution and it is quick spill response or prevention. It can’ t be put on drain permanently. Exposure to sunlight will degrade its longevity; Meanwhile the product can’ t be driven over and the vehicle weight will damage its structure.





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