

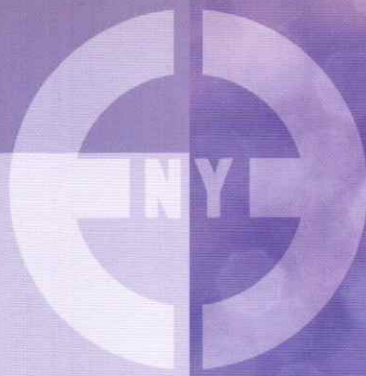
NAYOL SERIES

*High tech fine chemical*

**FLUORO CHEMICAL**



**남영유화공업주식회사**  
NAM YOUNG OIL CHEMICAL IND. CO., LTD.



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*beno*

HIGH TECH

FLUORO CHEMICAL

● **A partner of functional need**

Namyung presents futuristic & functional products to all industry fields, improving life quality and protecting environment.

Namyung strives to satisfy customer need with better quality and effective cost.

# Profit for you

## PRODUCT & BENEFIT FOR YOU



### ● Helping industry finish product.

As an expert in Fluoro Chemical field, Namyong Chemical helps customer achieve their functional goal.

With our Fluoro Chemicals such as surfactant, water and oil repel and anti-contamination agent, we apply our product to paint, textile, pulp & paper, leather and building & construction industry.

While R&D, we always think a word "Environment".



# NAYOL SERIES

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### Fluoro Surfactant

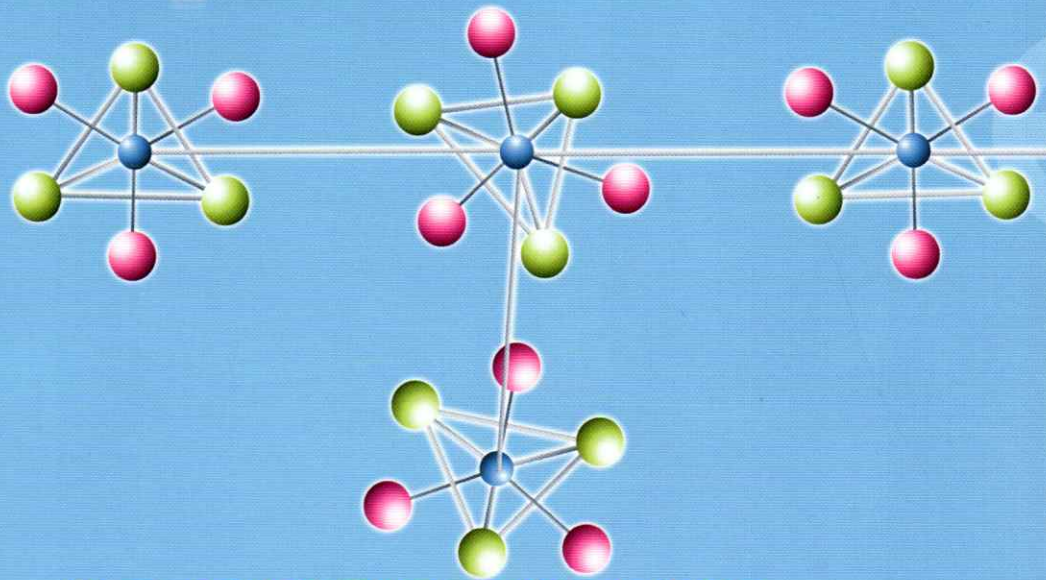
불소계 계면활성제

- ▶ Fluoro carboxylate
- ▶ Fluoro phosphate
- ▶ Fluoro sulfonate
- ▶ Fluoro polymeric ether
- ▶ Fluoro betain

### Fluoro water & oil repel for textile

섬유용 불소계 발수 및 발유제

- ▶ for synthetic fabric water & oil repel - 합성섬유 발수 · 발유
- ▶ for cotton fabric water & oil repel - 천연섬유 발수 · 발유
- ▶ soil release - 섬유방오처리



### Fluoro water & oil repel and proof for pulp & paper

제지 · 펄프용 불소계 발수 및 발유제

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>▶ for water repel - 발수지용</li> <li>▶ for water proof - 내수지, 컵지용</li> <li>▶ for water &amp; vapour permeability - 방습지용</li> <li>▶ for oil resistant - 내유지용</li> </ul> | <ul style="list-style-type: none"> <li>▶ for release paper - 이형지용</li> <li>▶ for pulp molding - 각종펄프, 성형용기용</li> <li>▶ for lunch box, noodle container &amp; dish - 도시락, 라면용기, 접시</li> <li>▶ protecting environment &amp; paper recycling - 환경보호 및 종이재활용</li> </ul> |
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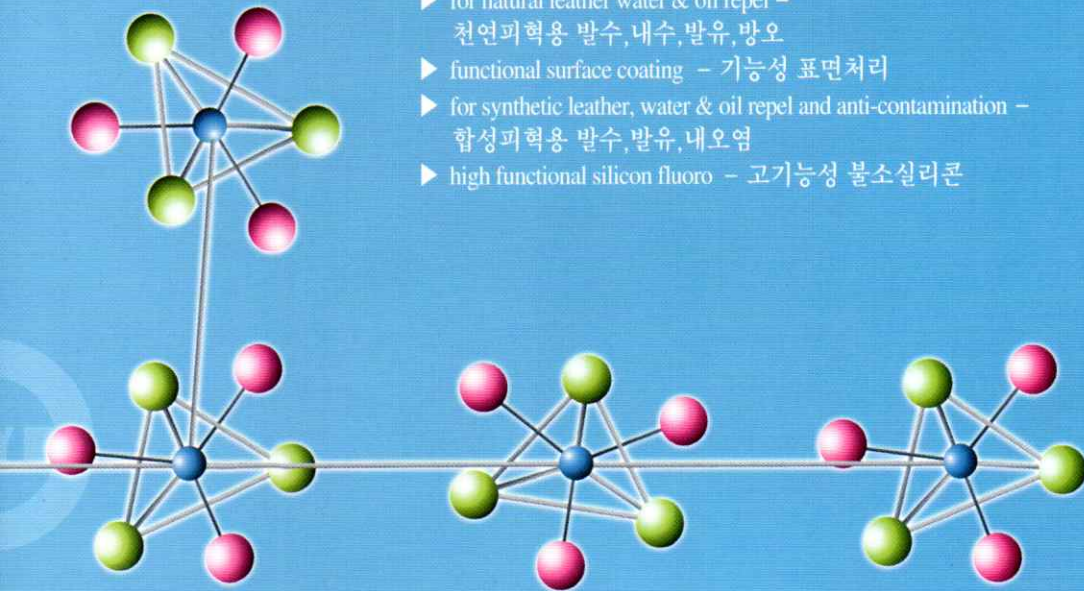
# Product for you



## ● Fluoro water & oil repel and proof for Leather

천연 및 합성피혁용 발수 방수, 내오염 및 표면처리제

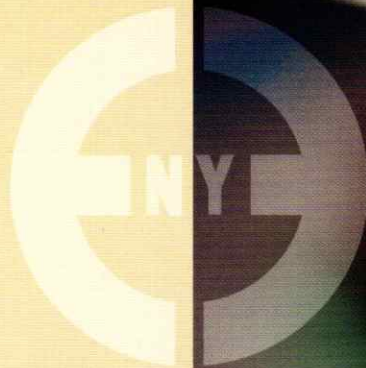
- ▶ for natural leather water & oil repel - 천연피혁용 발수, 내수, 발유, 방오
- ▶ functional surface coating - 기능성 표면처리
- ▶ for synthetic leather, water & oil repel and anti-contamination - 합성피혁용 발수, 발유, 내오염
- ▶ high functional silicon fluoro - 고기능성 불소실리콘



## ● Fluoro water & oil repel and anti-contamination for construction & building

건축용 불소계 발수·발유 및 내오염 처리제

- ▶ external water repel and soil-release - 외벽 발수 및 방오
- ▶ super durable fluoro resin - 고내구성 불소수지



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## FLUORO SURFACTANT SERIES

Division	Item	Field	Application	Characteristic
*FS-Surfactant series ▶ Fluoro Surfactant	NY-FS-365 NY-FS-415 NY-FS-315 NY-FS-350	<ul style="list-style-type: none"> <li>• Fluoro alkyl carboxylate</li> <li>• Fluoro alkyl ether</li> <li>• Fluoro alkyl sulfonate</li> <li>• Fluoro alkyl phosphate</li> </ul>	<ul style="list-style-type: none"> <li>• Ink &amp; paint</li> <li>• Coating</li> <li>• Metal Plating-bath</li> <li>• Detergent</li> <li>• Various Resin</li> <li>• Wax &amp; adhesive</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent wetting, Penetrating</li> <li>• Leveling, Dispersing, Emulsifier</li> <li>• Chemical resistant, Anti-mist &amp; Anti-rust</li> <li>• Excellent surface tension down at 17 dyne/cm<sup>2</sup>, Water &amp; Oil repellent.</li> <li>• Anti contamination release</li> </ul>
▶ High Performance fluorinated Surfactant	NY-FS-1750	<ul style="list-style-type: none"> <li>• Perfluoro alkyl betaine complex</li> </ul>	<ul style="list-style-type: none"> <li>• Fire-fighting foam</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent foaming agent</li> <li>• Aqueous film foaming foam</li> <li>• Excellent surface tension down at aqueous solution</li> </ul>



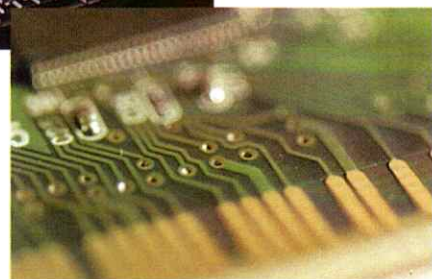
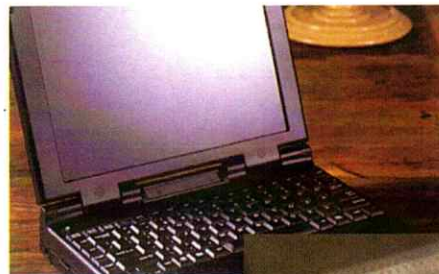
fluoro surfactant series



# oro chemical

## ■ FLUORO FUNCTIONAL COATING RESIN SERIES

Division	Item	Field	Application	Characteristic
<p>▶ FUNCTIONAL RELEASE-MOLD SEPA SERIES</p> <p>Mold release agents</p>	<p>NY-MS-100,conc NY-MS-2W NY-MS-2S NY-MS-20S</p>	<ul style="list-style-type: none"> <li>• Mold release of various low-materials</li> <li>• Fluoro chemical</li> </ul>	<ul style="list-style-type: none"> <li>• Mold release</li> <li>• PU, rubber, plastic, epoxy, PVC, etc.</li> <li>• Tire &amp; tube</li> <li>• Low material for release agent</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent release effect</li> <li>• Printable after mold release</li> <li>• Film forming character</li> <li>• High press process</li> <li>• Good durability</li> </ul>
<p>▶ Fluoro high Functional Resin</p>	<p>NY-27F NY-CT-91</p>	<p>Film Function</p>	<ul style="list-style-type: none"> <li>• P.C.B, IC coating, Relay-electronic component coating</li> <li>• Glass &amp; Plastic coating</li> <li>• PVC-Leather coating</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent moisture, water, gas &amp; abrasion resist (protecting Coat)</li> <li>• Only soluble to fluoro solvents (non-soluble to any other solvents)</li> </ul>



fluoro functional coating resin series



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**FABRIC PROTECTOR : WATER&OIL REPEL AND SOIL RELEASE TREATMENT SERIES**

Division	Item	Field	Application	Characteristic
▶ Fluoro water & oil repel and soil release series for fabrics	NY-731FA NY-731FB NY-731FC	<ul style="list-style-type: none"> <li>• Fluoro acryl copolymer</li> <li>• Water, oil repel and soil release</li> </ul>	<ul style="list-style-type: none"> <li>• Poly, Nylon</li> <li>• PP, Rayon</li> <li>• P/C, R/C, Silk, non-woven.</li> </ul>	<ul style="list-style-type: none"> <li>• 30% solid, cation, emulsion</li> <li>• High,Middle, Economical-grade</li> </ul>
	NY-730FA NY-730FB	<ul style="list-style-type: none"> <li>• Fluoro acryl copolymer</li> <li>• Water, oil repel and soil release</li> </ul>	<ul style="list-style-type: none"> <li>• Cotton</li> <li>• T/C</li> </ul>	<ul style="list-style-type: none"> <li>• 30% solid, cation, emulsion</li> <li>• High-economical grade</li> </ul>
	NY-721FA NY-721FB	<ul style="list-style-type: none"> <li>• Fluoro acryl copolymer</li> <li>• Water, oil repel and soil release</li> </ul>	<ul style="list-style-type: none"> <li>• Poly, Nylon</li> <li>• PP, Rayon</li> <li>• P/C, R/C, Silk, non-woven.</li> </ul>	<ul style="list-style-type: none"> <li>• 20% solid, cation, emulsion</li> <li>• High-economical grade</li> </ul>
	NY-720FA NY-720FB	<ul style="list-style-type: none"> <li>• Fluoro acryl copolymer</li> <li>• Water, oil repel and soil release</li> </ul>	<ul style="list-style-type: none"> <li>• Cotton</li> <li>• T/C</li> </ul>	<ul style="list-style-type: none"> <li>• 20% solid, cation, emulsion</li> <li>• High-economical grade</li> </ul>
	NY-735F	<ul style="list-style-type: none"> <li>• Fluoro acryl copolymer</li> <li>• Soil release special</li> <li>• High durability</li> <li>• Water, oil repel and soil release</li> </ul>	<ul style="list-style-type: none"> <li>• Various Carpet</li> <li>• Various Textiles</li> <li>• Bed Seat and Auto Seat</li> <li>• Furniture Seat</li> <li>• Non-woven</li> </ul>	<ul style="list-style-type: none"> <li>• 30% solid, cation, emulsion</li> <li>• Excellent Soil release effect</li> <li>• Dipping or spray treatment</li> <li>• High durability</li> </ul>
	NY-1800F NY-1800FS NY-1800FSN	<ul style="list-style-type: none"> <li>• Fluoro acryl copolymer</li> <li>• Water, oil repel and soil release</li> <li>• Fast Dry and Cure</li> </ul>	<ul style="list-style-type: none"> <li>• Various Carpet</li> <li>• Various Textiles</li> <li>• Various Seat</li> <li>• Non-woven</li> </ul>	<ul style="list-style-type: none"> <li>• 15% solid</li> <li>• High, Middle, Economical-grade</li> <li>• Dipping or spray treatment</li> </ul>

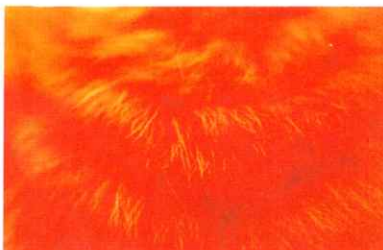


*Water repellent and soil release effect*



*duct for you...*

Division	Item	Field	Application	Characteristic
Fluoro water & oil repel and soil release series for fabrics	NY-732FC NY-733FC NY-734FC	• Fluoro acry copolymer • water, oil repel and soil release	• Poly, Nylon • PP, Rayon • P/C, R/C, Silk • Cotton, T/C	• 30% solid, cation, emulsion • High, Middle, Economical-grace
	NY-632FC NY-633FC NY-634FC	• Fluoro acry copolymer • water, oil repel and soil release	• Poly, Nylon • PP, Rayon • P/C, R/C, Silk • Cotton, T/C	• C6 Type: PFOA Free • 30% solid emulsion • Economical .Middle, High-grace
	NY-722FC NY-723FC	• Fluoro acry copolymer • water, oil repel and soil release	• Poly, Nylon • PP, Rayon • P/C, R/C, Silk • Cotton, T/C	• 20% solid emulsion • High, economical-grade
	NY-622FC NY-623FC	• Fluoro acry copolymer • water, oil repel and soil release	• Poly, Nylon • PP, Rayon • P/C, R/C, Silk • Cotton, T/C	• C6 Type: PFOA Free • 20% solid emulsion • High, economical-greade





# natural & NAYOL SERIES High tech fine chemical

## ■ NATURAL & SYNTHETIC LEATHER PROTECTOR SERIES

Division	Item	Field	Application	Characteristic
* NATURAL LEATHER PROTECTOR SERIES ▶ Water & oil repellent for natural leathers	NY-1360 NY-1363 NY-1350 NY-1320 NY-1300 NY-1300S NY-1300SN	<ul style="list-style-type: none"> <li>Fluoro copolymer Waterborne system; 1360, 1363, 1350, 1320</li> <li>Solvent system ; 1300, 1300S, 1300SN</li> </ul>	<ul style="list-style-type: none"> <li>Natural Leather</li> <li>Drumming and spray treatment grade</li> <li>Cow, Nubac, Nappa, Swede etc.</li> </ul>	<ul style="list-style-type: none"> <li>Excellent water &amp; oil repel</li> <li>High soil-release &amp; anti-contamination</li> <li>High penetrating</li> <li>Excellent durability &amp; stability</li> <li>High level and middle level grade selection</li> </ul>
▶ Fluoro acryl syntan	NY-AF-35A NY-AF-35B	<ul style="list-style-type: none"> <li>Retaining &amp; Impregnation process</li> <li>Water proof binder</li> </ul>	<ul style="list-style-type: none"> <li>Natural leather ; Cow, Nubac, Nappa, Swede etc.</li> </ul>	<ul style="list-style-type: none"> <li>Good water &amp; oil proof</li> <li>Good Impregnation</li> <li>High durability</li> </ul>
▶ Fluoro synthetic fatliquor	NY-F-535 NY-F-545 NY-F-555	<ul style="list-style-type: none"> <li>Water proof and lubricant &amp; softness</li> </ul>		<ul style="list-style-type: none"> <li>High water proof &amp; high function</li> <li>Lubricant &amp; softness</li> <li>Fluoro silicon complex</li> </ul>
▶ Fluoro wetting & softening agent	NY-F-735	<ul style="list-style-type: none"> <li>Penetrating wetting and softening</li> <li>fluoro silicon complex</li> </ul>		<ul style="list-style-type: none"> <li>High wetting &amp; Softening</li> <li>Leveling</li> </ul>
▶ Fluoro Naps control binder	NY-AT-45S NY-AT-45H	<ul style="list-style-type: none"> <li>Fluoro protein acryl polymer</li> </ul>	<ul style="list-style-type: none"> <li>Retaining &amp; crust process</li> </ul>	<ul style="list-style-type: none"> <li>High surface Nap &amp; scratch cover control</li> <li>Adhesion increase</li> </ul>
▶ Fluoro silicone softner	NY-AT-500 NY-AT-510	<ul style="list-style-type: none"> <li>Fluoro silicon modified polymer</li> <li>Softness lubricant and special touch</li> </ul>	<ul style="list-style-type: none"> <li>All leathers</li> <li>Various Resin</li> </ul>	<ul style="list-style-type: none"> <li>Excellent Softness &amp; high touch</li> <li>Low materials of softener</li> <li>High function effect &amp; cost-effective</li> <li>Special high touch</li> </ul>

### natural & synthetic leather protector series



# synthetic leather

## ■ NATURAL & SYNTHETIC LEATHER PROTECTOR SERIES

Division	Item	Field	Application	Characteristic
* SYNTHETIC LEATHER PROTECTOR SERIES ▶ Wet process fluoro water & oil repellent (Solvent system)	NY-360S	• Fluoro urethane compound	• Synthetic leather • PU-wet process	• Excellent water & oil repel • High durability • Good penetrability • Good compatible with urethane • Good permeability
▶ Dry process fluoro water & oil repellent agent (Solvent system)	NY-1800F NY-1800FS NY-1800FSN NY-1800FH	• Fluoro urethane acryl copolymer	• Synthetic leather • PU/PVC/ non-woven dry process	• Excellent water & oil repel • High durability • Anti-Soil • Dry process
▶ Fluoro silicon Organic resin modifier	NY-SF-80	• Fluoro silicon reactive polymer • Lubricant and adhesion special	• Synthetic Leather • PU, PE, Phenol SBR, acryl, PVC etc. • Design sheet • Taputin	• High weather-ability & chemical resist • Water Pressure increase • Lubricant and anti-blocking • High touch • U.V resist (non-yellowish)
▶ Fluoro High soft & touch agent	NY-ST-6000	• Fluoro silicon Modified Copolymer	• PU, PE, Phenol SBR, acryl, PVC etc.	• Excellent softness and high touch • Raw material • Replace for Phosphate agent, wax & oil kinds
▶ Fluoro water & oil repellent agent (Water-borne system)	NY-731F NY-721F	• Fluoro acryl copolymer: 731F & 721F	• Nylon, Poly T/R, P/C, non-woven wool: 731F & 721F • Various synthesis leather	• Excellent water & oil repel • High durability • Low temp cure • Stability • High Soil-release & anti-contamination
▶ Dispersing Leveling Wetting Agent	NY-FS-365 NY-FS-315 NY-FS-415	• Fluoro carboxyl ate complex • Fluoro-sulfate complex • Fluoro Eo/Po & copolymer	• Various Resins for synthetic Leather • Various toners • PU/ PE/ PVC/ Acryl/ Phenol and etc	• Excellent level, disperse, wetting and anti-migration • Anti-soil & high weather-ability • Good compatible • Solvent and water borne system
▶ Ambient cure functional top coatings	NY-WF-45/C-100	• Fluoro modified acrylic urethane copolymer	• Synthetic Leather : Top coat (PU, PVC)	• Excellent adhesion & abrasion resist • Ambient cure fast air dry • Self cross linking

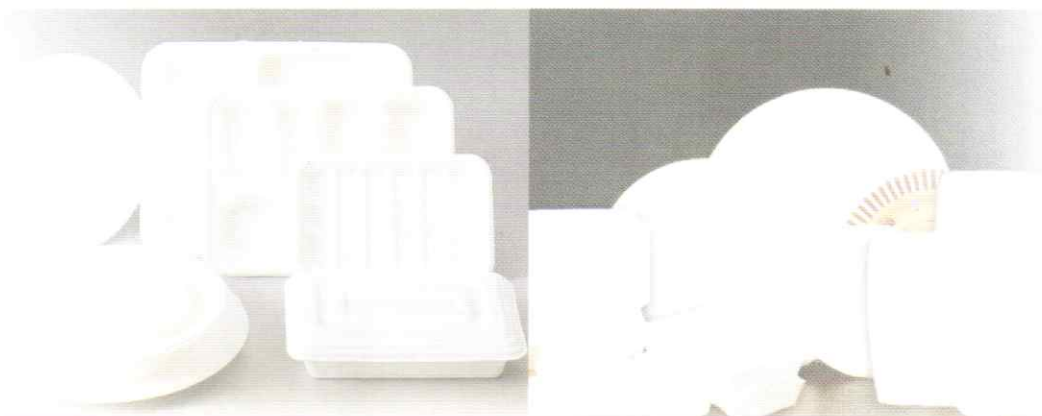


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## PAPER & PULP PROTECTOR AND TREATMENT SERIES

Division	Item	Field	Application	Characteristic
* PAPER & PULP PROTECTOR/TREATMENT SERIES Oil and water proof agent	NY-11W NY-65WA NY-65WC	<ul style="list-style-type: none"> <li>Oil proof coatings for Paper (external process)</li> <li>Oil &amp; water proof Treatment (Internal process)</li> <li>Oil and Water Repel (Internal)</li> </ul>	<ul style="list-style-type: none"> <li>Food &amp; snack paper</li> <li>Lunch box</li> <li>Chicken &amp; Hamburger wrap paper</li> <li>Candy &amp; chocolate paper &amp; cartons</li> </ul>	<ul style="list-style-type: none"> <li>Excellent oil proof ness and water resist</li> <li>Breathing</li> <li>Recycling (protect environment)</li> <li>Replaceable for PE-Lamination</li> <li>By pulpmolding machine / size machine / gravure coating</li> </ul>
Water Vapour impermeability	NY-3040 NY-3041	<ul style="list-style-type: none"> <li>Moisture Protect Coating (Non-printed Paint)</li> <li>Moisture Protect Coating (Non-printed Paint)</li> <li>Oil &amp; chemical resist</li> </ul>	<ul style="list-style-type: none"> <li>80g Craft</li> <li>200g Craft</li> <li>350g Craft</li> <li>Power soap box</li> <li>Potable noodle rap box</li> </ul>	<ul style="list-style-type: none"> <li>Excellent adhesion</li> <li>Soft &amp; flexible</li> <li>Fast cure</li> <li>High water oil &amp; chemical resist</li> </ul>
Water proof protect and release coatings	NY-3042	<ul style="list-style-type: none"> <li>Moisture Protect Coating and release coating</li> </ul>	<ul style="list-style-type: none"> <li>Soap lap paper</li> <li>Shoes bag wrap paper</li> </ul>	<ul style="list-style-type: none"> <li>High moisture protect and release &amp; lubricant</li> <li>Replaceable for PE-Lamination</li> </ul>
Oil proof binder for release paper base coatings	NY-OP-55WS(soft) NY-OP-55WH(soft)	<ul style="list-style-type: none"> <li>Fluoro acryl functional binder</li> </ul>	<ul style="list-style-type: none"> <li>release paper base coating</li> <li>Cotton box external coat</li> <li>Room floor paper coat</li> <li>Confectioned Box, paper coat</li> </ul>	<ul style="list-style-type: none"> <li>High oil-resist</li> <li>High bonding and water resist</li> <li>High gloss and flexible</li> <li>PE-Lamination replaceable</li> <li>Repulpable &amp; Recycling flexible and hard type</li> <li>Normal and Special grade</li> </ul>
Water proof and Heat seal coatings	NY-21W	<ul style="list-style-type: none"> <li>Water proof and Heat sealing functional paper</li> <li>Fluoro modified acryl copolymer</li> </ul>	<ul style="list-style-type: none"> <li>Cup paper</li> <li>Fruit paper</li> <li>Drug paper</li> <li>Grain wrap paper</li> <li>Cement wrap paper</li> </ul>	<ul style="list-style-type: none"> <li>Excellent water proof for hot &amp; cold water</li> <li>Low-temp Heat Sealing</li> <li>Durability</li> <li>Paper recycling</li> <li>Flexible</li> </ul>

*paper & pulp protector and treatment series*





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## ■ PAPER & PULP PROTECTOR AND TREATMENT SERIES

Division	Item	Field	Application	Characteristic
Ambient cure high speed gravure printing (O.P.V)	NY-OP-557W	<ul style="list-style-type: none"> <li>• High speed two side web gravure printing</li> </ul>	<ul style="list-style-type: none"> <li>• Various confectionary pack-Top coat</li> </ul>	<ul style="list-style-type: none"> <li>• High dry speed, ambient cure</li> <li>• High gloss &amp; water resist</li> <li>• Ambient self crossing</li> </ul>
Waterborne hot melt adhesive	NY-20W	<ul style="list-style-type: none"> <li>• Food pack heat seal coat</li> <li>• Barrier coating</li> <li>• Foil lamination</li> <li>• Metal can coating</li> <li>• Tie coat primer</li> <li>• Heat transfer printing</li> <li>• Primer for vaccum metalization</li> </ul>	<ul style="list-style-type: none"> <li>• Various paper</li> <li>• AL, PE, OPP, PVC and non-woven</li> <li>• paper cup stock</li> <li>• Skin package</li> <li>• Flexographic-inks</li> <li>• Bottle closures</li> <li>• Cup-stock</li> <li>• Noodle cup</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent low temperature heat sealing(80-100°...)</li> <li>• Recycling</li> <li>• High bonding and sizing water/solvent/chemical-resist</li> <li>• Law material - F.D.A status</li> <li>• Repulpable</li> <li>• High bonding strength</li> </ul>
▶ Water repelent and soil release of fluoro polymer	NY-F-550	<ul style="list-style-type: none"> <li>• Fluoro modified acrylic polymer</li> </ul>	<ul style="list-style-type: none"> <li>• various craft and golgate paper</li> <li>• Gypsum board paper</li> <li>• other papers for water repel</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent abrasion &amp; adhesive</li> <li>• repulping and protect environment</li> <li>• Wax base and silicone base replace</li> <li>• Chemical resist &amp; soil release</li> <li>• Heat and cold durability</li> </ul>
▶ Water repelent of fluoro fatty acryl	NY-9300W	<ul style="list-style-type: none"> <li>• Fluoro fatty acryl complex</li> </ul>	<ul style="list-style-type: none"> <li>• Various water repellent coating for</li> </ul>	<ul style="list-style-type: none"> <li>• Low-cost water-repellent</li> <li>• replace for wax and silicon</li> </ul>
▶ Printable water repellent agent	NY-MS-105W	<ul style="list-style-type: none"> <li>• Fluoro metal salt complex</li> </ul>	<ul style="list-style-type: none"> <li>• Printable</li> <li>• Water repellent coating</li> <li>• Agricultural box top coat</li> <li>• Paint coated paper</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent water repel</li> <li>• High printability (flexo and water base ink)</li> </ul>
▶ Anchor-Primer	NY-AP-1025	<ul style="list-style-type: none"> <li>• Modified poly olefin complex</li> <li>• Anchor-primer</li> </ul>	<ul style="list-style-type: none"> <li>• Anchor-primer</li> <li>• Cup-stock</li> <li>• OPP/PE/PVC/PET anchor primer</li> <li>• Al-foil-primer</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent oil proofness and water resist</li> <li>• Breathing</li> <li>• Recycling(protect environment)</li> <li>• Replace for PE-Lamination</li> </ul>
▶ Press sensitive adhesive	NY-SL-634	<ul style="list-style-type: none"> <li>• Fluoro acryl elastomer</li> <li>• P.S.A adhesive</li> </ul>	<ul style="list-style-type: none"> <li>• Compound Press sensitive adhesive (P.S.A)</li> <li>• SL-63 : -70°Δ Tg</li> <li>• SL-50 : -50°Δ Tg</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent tacky adhesion</li> <li>• High weatherability cold and heat resist and high durability</li> </ul>
▶ Water repellent for fruits paper	NY-430W	<ul style="list-style-type: none"> <li>• Fluoro fatties wax complex</li> <li>• Alcohol soluble</li> </ul>	<ul style="list-style-type: none"> <li>• Fruit paper coating (grapes, apples)</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent water repel and durability</li> <li>• Alcohol soluble type</li> <li>• good gloss and flexible</li> </ul>



NAYOL SERIES  
*High tech fine chemical supporting*

## ■ CONSTRUCTION WATER PROOF AND RETARDER SERIES

Division	Item	Field	Application	Characteristic
▶ Water proof elastomer binder for cement mortar	NY-805L NY-505L	<ul style="list-style-type: none"> <li>Fluoro modified elastomer polymer</li> <li>805L; 250kgf/kg</li> <li>505L; 450kgf/kg</li> <li>Apply mix with 805L or 505L and cement, mortar</li> </ul>	<ul style="list-style-type: none"> <li>Interior &amp; exterior wall</li> <li>House roof &amp; proof</li> <li>Bottom floor</li> <li>Water-tank</li> <li>Swimming pool</li> <li>Building</li> </ul>	<ul style="list-style-type: none"> <li>Excellent water proof</li> <li>Protecting black water pressure penetratings</li> <li>Elastomer / adhesion</li> <li>Thin thickness layer and elastomer</li> <li>Fast cure &amp; non-crack</li> <li>Pressure-water proof</li> </ul>
▶ F.P.I(Fluoro Plasic Liquid) Membrane systems (various color); NY-950P series	NY-950-P-SS NY-950-P-S NY-950-P-M NY-950-P-H	<ul style="list-style-type: none"> <li>Fluoro elastomer colored membrane water proof systems</li> </ul>	<ul style="list-style-type: none"> <li>APT</li> <li>Pool</li> <li>Water storage</li> <li>Tunnel &amp; bridge</li> <li>Harbor</li> </ul>	<ul style="list-style-type: none"> <li>Excellent elastomer</li> <li>High elongation &amp; tensile strength &amp; impact strength</li> <li>Wet type process</li> <li>High water proof &amp; bonding</li> <li>Anti-soil &amp; weatherability</li> <li>Chemical resist &amp; durability</li> </ul>
▶ Non-woven and fiber glass water proof binder	NY-88L	<ul style="list-style-type: none"> <li>Non-woven or fiber glass water proof system</li> </ul>	<ul style="list-style-type: none"> <li>House drop &amp; proof</li> <li>Buildings</li> <li>Water proof</li> <li>Membrane system middle layer</li> </ul>	<ul style="list-style-type: none"> <li>Excellent water proof chemical resist and weather-ability</li> <li>Flexible</li> <li>High bonding and tensile strength</li> <li>Thick film coating and ambient cure</li> </ul>
▶ Fluoro Functional water repellent for buildings	NY-3300S -conc NY-5500W -conc	<ul style="list-style-type: none"> <li>Fluoro solvent system</li> <li>Fluoro water-borne system</li> </ul>	<ul style="list-style-type: none"> <li>Building exterior</li> <li>Wall exterior &amp; construction</li> </ul>	<ul style="list-style-type: none"> <li>Low materials and high conc</li> <li>Excellent durability and weatherability comparing with silicone product</li> <li>Non-yellowish &amp; durability comparing with sodium natrium base silicon</li> </ul>



*construction water proof and retarder series*



*all fields of industry*

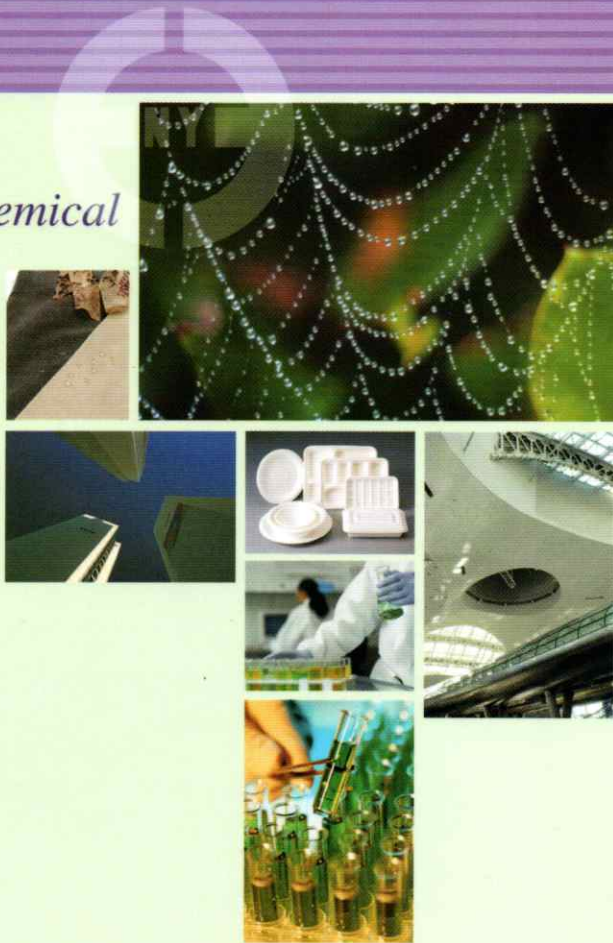
## ■ CONSTRUCTION WATER PROOF AND RETARDER SERIES

Division	Item	Field	Application	Characteristic
▶ WATER PROOF AGENT Gypsum board	NY-F-1752	<ul style="list-style-type: none"> <li>• Water proof for gypsum board</li> </ul>	<ul style="list-style-type: none"> <li>• Internal treatment in gypsum</li> </ul>	<ul style="list-style-type: none"> <li>• High water proof and water absorption free</li> <li>• High bonding and chemical, anti-soil</li> </ul>
▶ Glass wool (Rock wool)	NY-DP-50 NY-721F	<ul style="list-style-type: none"> <li>• Water proof &amp; repeling glass wool</li> </ul>	<ul style="list-style-type: none"> <li>• Dust-tight agent</li> <li>• Glass wool, rock wool</li> </ul>	<ul style="list-style-type: none"> <li>• Fast cure &amp; good stability</li> <li>• Excellent water proof &amp; repel</li> </ul>
▶ Retarder of gypsum plaster	NY-S-2000	<ul style="list-style-type: none"> <li>• Collagen</li> </ul>	<ul style="list-style-type: none"> <li>• Retarder of gypsum board</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent retardation</li> </ul>
▶ PB & MDF Water proof	NY-E-40 NY-250S	<ul style="list-style-type: none"> <li>• Paraffine wax</li> </ul>	<ul style="list-style-type: none"> <li>• PB board</li> <li>• MDF board</li> <li>• concrete</li> </ul>	<ul style="list-style-type: none"> <li>• Good stability</li> <li>• Excellent water proof</li> <li>• Good solubility</li> </ul>

*construction water proof and retarder series*



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