

**P.E FOAM**  
**DUNALON**  
BACK-UP MATERIALS(ROD)  
INSULATION PIPE COVER



**DUNALON** is chemically non-crosslinked polyethylene foam with closed cells, expanded 15 or 40 times. It is a light and durable material with excellent shockabsorbing and heat insulation properties. Water-repellent and highly resistant to weather-proof and chemicals.

DUNALON is protective against the Penetration of gasoline and inorganic solutions.

### STANDARD SIZE

Form	Diameter(MM)	Length
Back-up	5-100	not limited
Pipe cover	8-80(Inside)	not limited
	20-100(Outside)	not limited

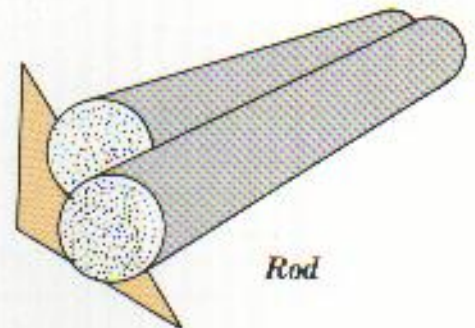
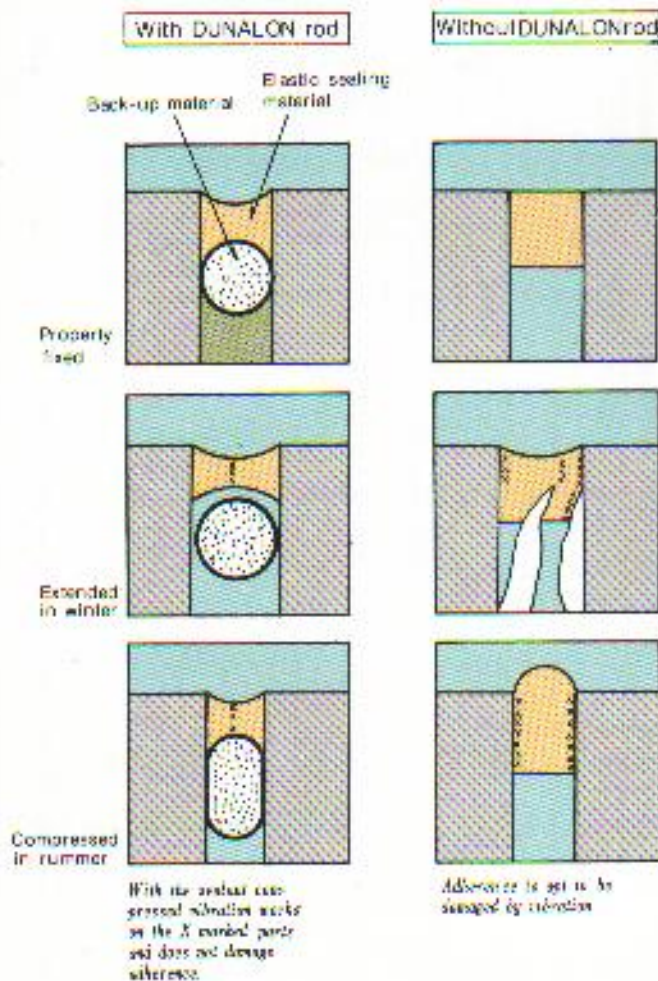
Standards not indicated above are still possible to make, at our customer's request.

### APPLICATIONS

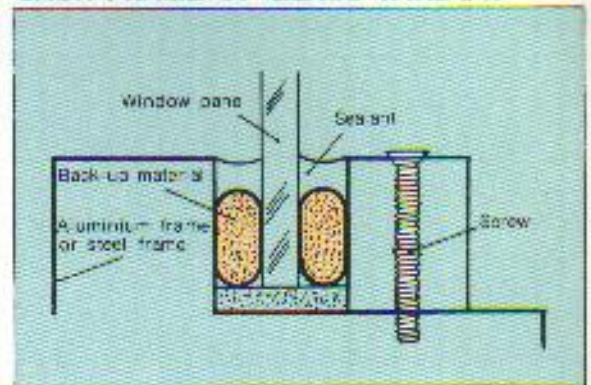
Used as sealant and gasket material in various applications.

- \* Window and sash frames glass reinforcement.
- \* Expansion joints in rooftops, tunnels, subways, bridges, etc.
- \* Joints in water ways, cleaning beds, storing reservoirs, swimming pools, dams, sewage systems etc.
- \* Window frames and joints in automobiles, trains, containers, etc.

### PRE-CASTED BOARD AND CREVICES



### SASH FRAME OF GLASS WINDOW



Sealant is compressed and holds the stacking form, and so the tension strength works on parts and the adherence part can not be removed even in case of vibration.

## PROPERTIES

Properties	Unit	Result	Properties	Unit	Result
Expansion ratio	times	15-40	Resiliency		30-48
Specific gravity	g/cm <sup>3</sup>	0.03-0.05	Thermal conductivity	0°C, kcal/mh°C	0.025-0.034
Tensile strength	kg/cm <sup>2</sup>	2.8-4.1	Shrinkage at 70°C	%	0.3
Elongation	%	240-250	Water absorption	mg/cm <sup>2</sup>	0.01
Compression strength	kg/cm <sup>2</sup>	2.9-3.5	Volume resistance	cm	1017
Compression set	%	3.0-6.6	Dielectric constant	106c/s	1.1
Repeating compression set	%	3.9-8.6	Power factor	106c/s%	0.01

## DUNALON ROD DIAMETER & PACKING (Meter / Roll)

Type	Size(mm)		Meter/Roll
	Rod Dia.	Joint Size	
D306	6	4-5	2,100
D308	8	5-7	1,000
D310	10	7-8	1,000
D313	13	9-10	500
D135	15	11-13	500
D320	20	14-16	4×200pcs
D325	25	18-20	4×100pcs
D330	30	21-25	4×100pcs
D340	40	30-35	4×150pcs
D350	50	40-45	4×25pcs

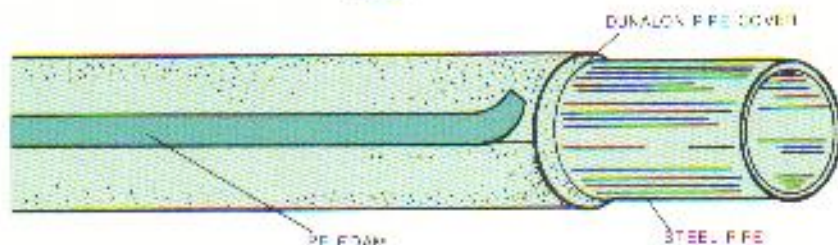
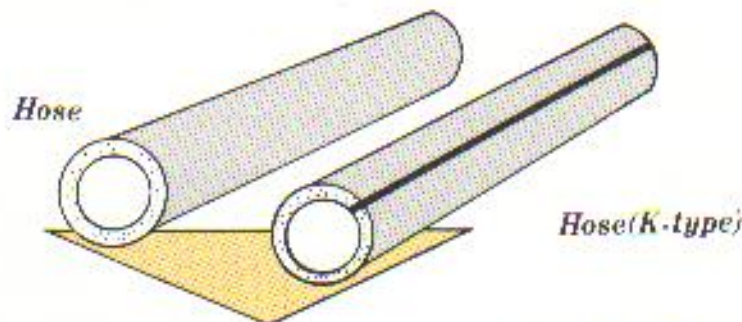
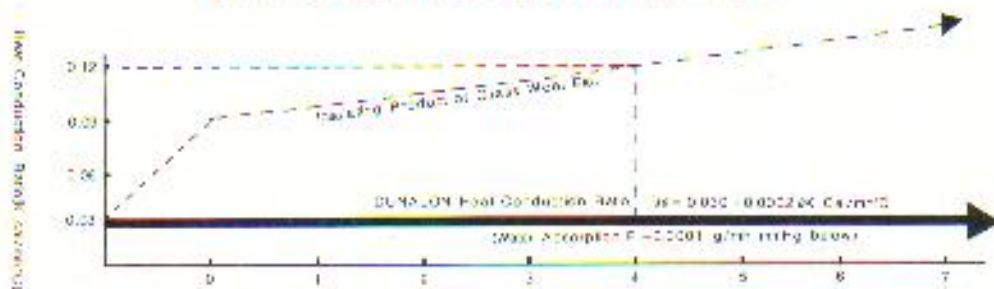


## COLOR

- \* The standard color is white(natural color)
- \* Any color such as black, blue, yellow, green and ivory available, according to at our customers request.

**HOW TO  
MAKE USE OF  
"PE FOAM  
DUNALON"  
BACK-UP MATERIALS  
& PIPE COVER**

## HEAT CONDUCTION RATIO OF DUNALON



### ADVANTAGES

- Universality applicable
- Considerable work saving
- Simple and rapid application
- No clumsy work with adhesive or glue
- Excellent chemical resistance and weatherability
- Absorbs no moisture
- Prevents condensation and oxidation
- Suitable for cold as well as heat conducting pipe lines(-72°C to +88°C)

### APPLICATIONS

- Central heating pipes
- Sanitary pipes
- Water supply
- Solar system
- Pipes and air ducts of refrigeration and conditioning installations



株式会社斗南

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