



Solar Compounds Corporation  
1201 West Blancke Street  
Linden, NJ 07036  
Ph: 908-862-2813 Fax: 908-862-8061  
www.solarcompounds.com

CABLE  
FLOODING & FILLING COMPOUNDS

The products listed below were developed to seal the interstices in fiber optic and metal conductor cables. They are blends of elastomers and polyolefins, the compounds of which have been stabilized. All are compounded with virgin materials. All compounds can be made flame retardant upon request.

SOLARITE KM-2756

Softening Point	219°F +/- 5°F
Penetration Cone, 150gm wt. @ 77° (.1mm) ASTM 217-48	164 +/- 7
Viscosity – Brookfield Thermocel @ 350°F @ 220°F	150 cps 6375 cps
Specific Gravity	.89
Can be Pumped at Room Temperature	

SOLARITE KM-2769

Softening Point ASTM D-36-26	285°F +/- 5°F
Penetration @ 77°F, 100 gms, 5 sec. (.1mm) ASTM-D-5-29	40 +/- 5
Viscosity – Brookfield Thermocel @ 350°F 300°F	8,200 cps +/- 500 cps 17,500 cps +/- 1000 cps

**SOLARITE 3408 AND 3408-RV** are designed as clean stripping sealants. Cohesive is greater than adhesive strength.

	<b><u>3408</u></b>	<b><u>3408-RV</u></b>
Viscosity – Brookfield Thermocel @ 350°F +/- 500 cps	2300 cps	1500 cps
Softening Point – Ring & Ball – ASTM D-36 +/- 5°F	160°F	240°F
Penetration @ 77°F, 100 grms, 5 sec. (.1mm) ASTM-5-49 +/- 5	130	140
Pounds per Gallon	7.3	7.3
Dielectric Constant	2.3	2.3
Pumpable Temperature	170°F	275°F

**SOLARITE 3107 and 3114-FR** are tough, flexible, adhesive sealants recommended particularly in cables requiring high pressure gas or water blocking.

<b><u>PROD.</u></b>	<b><u>SOFTENING POINT +/- 5°F</u></b>	<b><u>PEN. +/- 2</u></b>	<b><u>VISCOSITY CPS +/- 1,000</u></b>			<b><u>COLD TEMP. FLEXIBILITY</u></b>
			<b><u>250°F</u></b>	<b><u>300°F</u></b>	<b><u>350°F</u></b>	
3107	215°F	9	65,000	19,000	15,750	-30°F
3114-FR	206°F	18	45,000	20,000	13,750	-30°F
3361	274°F	26	---	---	3,875	-30°F

**SOLARITE KM-4298** (Contains Water-Absorbive Polymers)

	<b><u>250°F</u></b>	<b><u>350°F</u></b>
Viscosity—Thermocel #27 Spindle @ 50 RPM	1,000 +/- 200 CPS	100 +/- 25 CPS
Penetration—Cone—No Weights	390 +/- 10	390 +/- 10

### **TEST PROCEDURES**

Softening Point ASTM-D-36 Ring & Ball

Penetration ASTM-D-5-49 @ 77°F, 100 Grams, 5 Seconds (.1mm)

Viscosity – Brookfield Thermocel

