



# info-gel Selection Guide



MATERIAL	VISCOSITY mPa-s	DENSITY g/cm <sup>3</sup>	BREAKDOWN VOLTAGE V/MIL	DIELECTRIC CONSTANT 1,000CPS	DIELECTRIC CONSTANT 10,000CPS	DISSIPATION FACTOR 1,000CPS	DISSIPATION FACTOR 10,000CPS	YIELD STRESS 80C	START OF LOSS ON DRYING (TGA)	LOSS ON DRYING (TGA) TO 250C
<b>HYDRO DEFENDER™ WATER BLOCKING</b>										
K550	27000	0.85	792	2.192	2.180	0.000027	0.00005	40.0	225	0.2%
K880	9500	0.86	831	2.163	2.164	0.000018	0.00004	76.0	175	4.1%
LA444	12000	0.84	1214	2.169	2.168	0.000273	0.00021	53.0	175	3.4%
<b>WEIGHT DEFENDER™ LOW DENSITY</b>										
LD345	18000	0.45	794	1.627	1.628	0.001660	0.00130	44.0	210	0.7%
LD435	6800 (70C)	0.36	754	1.513	1.51	0.001407	0.00091	40	210	0.8%
<b>FLAME DEFENDER™ FLAME RETARDANT</b>										
FR27	30000	1.20	524	5.947	3.801	0.534600	0.14190	110	175	3.8%
<b>HEAT DEFENDER™ HIGH TEMPERATURE</b>										
LA4000	30000	0.85	1207	2.162	2.162	0.000098	0.00009	92.0	225	0.3%
LA6000	25000	0.83	1481	2.338	2.336	0.000474	0.00152	12.0	250	0.0%
LA4000HX	30000	0.85	611	2.179	2.179	0.000105	0.0001	90	165	5.1%



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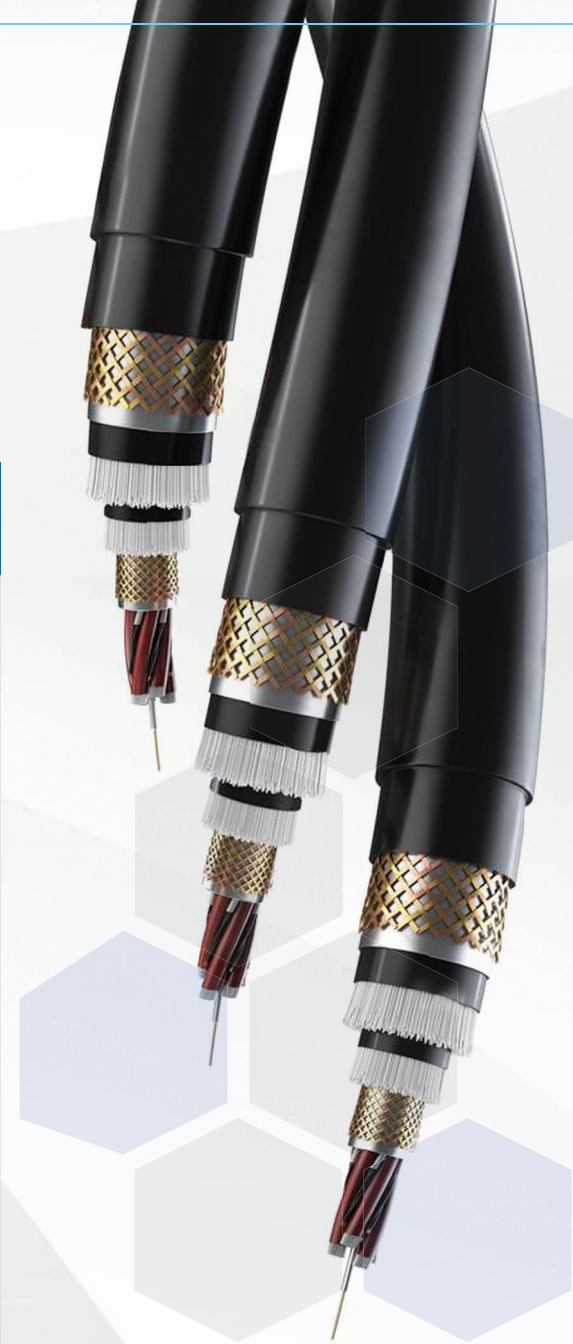




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■ Excellent 
 ■ Good 
 ■ Not Recommended

MATERIAL	LOW DENSITY	UNIVERSAL GEL	GOOD ON PBT	GOOD DIELECTRIC	HIGH TEMP	FLOODING COMPOUND	COLD TEMP (-40C)
<b>HYDRO DEFENDER™ WATER BLOCKING</b>							
K550		■	■	■	■	■	■
K880		■	■	■	■	■	■
LA444		■	■	■	■	■	■
<b>WEIGHT DEFENDER™ LOW DENSITY</b>							
LD345	■	■	■	■	■	■	■
LD435	■	■	■	■	■	■	■
<b>FLAME DEFENDER™ FLAME RETARDANT</b>							
FR27		■	■	■	■	■	■
<b>HEAT DEFENDER™ HIGH TEMPERATURE</b>							
LA4000		■	■	■	■	■	■
LA6000		■	■	■	■	■	■
LA4000HX		■	■	■	■	■	■



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