



Selection Guide

Material	Viscosity (mPa·s)	Density at 25°C (g/cm³)	Yield Stress (Pa @ 80°C)
HYDRO DEFENDER™ WATER BLOCKING			
LA444	12,000 (at 25°C , 50s ⁻¹)	0.84	53
K880	9,500 (at 25°C , 50s ⁻¹)	0.86	76
K885	5,000 (at 25°C , 50s ⁻¹)	0.84	15
K550	27,000 (at 25°C , 20s ⁻¹)	0.85	40
K552	13,000 (at 25°C , 20s ⁻¹)	0.86	15
WEIGHT DEFENDER™ LOW DENSITY			
LD345	18,000 (at 20°C , 50s ⁻¹)	0.45	44
FLAME DEFENDER™ FLAME RETARDANT			
FR27	30,000 (at 25°C , 20s ⁻¹)	1.20	110
HEAT DEFENDER™ HIGH TEMPERATURE			
LA1000	9,000 (at 25°C , 50s ⁻¹)	0.85	40
LA4000	30,000 (at 25°C , 20s ⁻¹)	0.85	92
H2 DEFENDER™ HX LINE			
LAHX60	3,000 (at 80°C , 50s ⁻¹)	0.83	40
LA4000HX	30,000 (at 25°C , 20s ⁻¹)	0.85	90
EXTENDED THERMOPLASTIC RUBBER			
FC28 (Dropping Point 90°C)	300 (at 150°C SUS)	0.85	---



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Material	Low Density	Universal Polymer Compatible	Good on PBT	Low Temp Performance (-60°C)	High Temp Performance (250°C)
HYDRO DEFENDER™ WATER BLOCKING					
LA444			✓	✓	✓
K880			✓		
K885			✓		
K550		✓	✓	✓	
K552		✓	✓	✓	
WEIGHT DEFENDER™ LOW DENSITY					
LD345	✓	✓	✓		
FLAME DEFENDER™ FLAME RETARDANT					
FR27			✓		✓
HEAT DEFENDER™ HIGH TEMPERATURE					
LA1000			✓	✓	✓
LA4000			✓	✓	✓
H2 DEFENDER™ HX LINE					
LAHX60			✓	✓	✓
LA4000HX			✓	✓	✓
EXTENDED THERMOPLASTIC RUBBER					
FC28 (Dropping Point 90°C)			✓		



2311 DISTRIBUTION CENTER DRIVE
SUITE F
CHARLOTTE, NC

+1 704 599 5770

WWW.INFO-GEL.COM