

CHARACTERISTICS		GEO-FORM	HDPE
DUCTILE	Stretch and mold to irregular sub-grade Conform to sub-grade settlement without rupture	✓	✗
SUPPLE	Soft and flexible, bends easily without fracture Adaptable or responsive to new situations	✓	✗
HEAVY	Specific gravity greater than 1.0 Will not float or require ballast	✓	✗
CORE THICKNESS	Same as overall thickness No surface profiles to protect from crazing	✓	✗

CONCERNS OF FAILURE CAUSED BY:	GEO-FORM	HPDE
Stress cracking and crazing	✗	✓
Weld failures caused by cold shock	✗	✓
Improper tension during placement	✗	✓
Worker handling and foot traffic damage	✗	✓
Anchor pull out & splice failure due to shrinking	✗	✓
Uplift by wind in reservoirs	✗	✓
Hippos and whales in reservoirs	✗	✓
Damage caused by adding ballast	✗	✓

INSTALLATION CONSIDERATIONS	GEO-FORM	HPDE
Minimal subgrade preparation possible	✓	✗
Tolerant of limited rocks & protrusions	✓	✗
Foot traffic & light rubber-tired vehicles okay	✓	✗
Secure welds at low temperatures (10°F)	✓	✗
Welds may be quality inspected visually	✓	✗
Minimum training of welder operators	✓	✗
May be installed by local workers w/o factory training	✓	✗