

CONSTRUCTION SPECIFICATION N-VIRO MARINE FLEX MOORING SYSTEM				
MARINE FLEX TYPE	VESSEL LENGTH (m)	BLOCK OR ANCHOR	SPECIFICATIONS	MOORING COMPONENTS
2 strand x 60mm ϕ MF 2060	6m – 10m MDC Class B	3 Tonne Block	a. 1.5m x 60mm ϕ 2 strand for Tidal Range up to 2m maximum b. 3m x 60mm ϕ 2 strand for Tidal Range 2-4m	1x Concrete Block 1x 32mm Shackle 1x 28mm Swivel 2x 28mm Shackles 1x Thimble 1x 1.5kg Anode 1x MF Mooring Unit 1x Lift Buoy 1x Multi Plait Rope 1x Surface Buoy
		114 Shaftless Screw Anchor Passive Earth Block as per Ocel Design	a. 1.5m x 60mm ϕ 2 strand for Tidal Range 2m maximum b. 3m x 60mm ϕ 2 strand for Tidal Range 2-4m	1x Screw Anchor 1x 32mm Shackle 1x 28mm Swivel 2x 28mm Shackles 1x Thimble 1x 1.5kg Anode 1x MF Mooring Unit 1x 32mm Multi Plait Rope 1x Lift Buoy 1x Surface Buoy 1x Thimble
3 strand x 60mm ϕ MF 3060	10m – 15m MDC Class C	4 Tonne Block	a. 1.5m x 60mm ϕ 3 strand for Tidal Range 2m maximum b. 3m x 60mm ϕ 3 strand for Tidal Range 2-4m	1x Concrete Block 1x 32mm Shackle 1x 28mm Swivel 2x 28mm Shackles 1x 28mm Thimble 1x 1.5kg Anode 1x MF Mooring Unit 1x Lift Buoy 1x Multi Plait Rope 1x Surface Buoy
		114 Shaftless Screw Anchor Passive Earth Block as per Ocel Design	a. 1.5m x 60mm ϕ 3 strand for Tidal Range 2m maximum b. 3m x 60mm ϕ 3 strand for Tidal Range 2-4m	1x Screw Anchor 1x 32mm Shackle 1x 28mm Swivel 2x 28mm Shackles 1x 28mm Thimble 1x 1.5kg Anode 1x MF Mooring Unit 1x 32mm Multi Plait Rope 1x Lift Buoy 1x Surface Buoy
4 strand x 60mm ϕ MF 4060	16-18m MDC Class D	5 Tonne Block	a. 1.5m x 60mm ϕ 4 strand for Tidal Range 2m maximum b. 3m x 60mm ϕ 4 strand for Tidal Range 2-4m	1x Concrete Block 1x 32mm Shackle 1x 28mm Swivel 2x 28mm Shackles 1x 28mm Thimble 1x 1.5kg Anode 1x MF Mooring Unit 1x Lift Buoy 1x Multi Plait Rope 1x Surface Buoy
		114 Shaftless Screw Anchor Passive Earth Block as per Ocel Design	a. 2m x 60mm ϕ 4 strand for Tidal Range 2m maximum b. 3m x 60mm ϕ 4 strand for Tidal Range 2-4m	1x Screw Anchor 1x 32mm Shackle 1x 28mm Swivel 2x 28mm Shackles 1x 28mm Thimble 1x 1.5kg Anode 1x MF Mooring Unit 1x 32mm Multi Plait Rope 1x Lift Buoy 1x Surface Buoy
	18m +	BY N-VIRO ENGINEER DESIGN		