

Thermalloy® PurePak® (Thermal Activated Nickel-Titanium)

- Nickel-titanium alloys are shape memory alloys
- Pliable at room temperature and superelastic at body temperature
- Can be used as an initial arch wire for treatment
- Same elastic working range as superelastic with lower forces
- Can be used earlier in treatment to provide tongue control
- Easier to ligate in severely maligned cases and impacted canines
- Permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch

Preformed Natural Arches

Shape	Size (inch)	Size (mm)	Package Contains	Maxillary	Mandibular
Round	.013	(0.330)	10	A07310-1	A07330-1
	.014	(0.356)	10	A07300-1	
	.015	(0.381)	10	A07311-1	A07331-1
	.016	(0.406)	10	A07301-1	A07321-1
	.017	(0.432)	10	A07312-1	A07332-1
	.018	(0.457)	10	A07302-1	A07322-1
Square	.016 x .016	(0.406 x 0.406)	10	A07303-1	A07323-1
Rectangular	.016 x .022	(0.406 x 0.559)	10	A07304-1	A07324-1
	.017 x .025	(0.432 x 0.635)	10	A07305-1	A07325-1
	.018 x .025	(0.457 x 0.635)	10	A07306-1	A07326-1
	.019 x .025	(0.483 x 0.635)	10	A07307-1	
	.021 x .025	(0.533 x 0.635)	10	A07308-1	A07328-1

Preformed Ideal Arches

Shape	Size (inch)	Size (mm)	Package Contains	Maxillary	Mandibular
Round	.014	(0.356)	10		A07370-1
	.016	(0.406)	10	A07351-1	A07371-1
Rectangular	.016 x .022	(0.406 x 0.559)	10	A07354-1	A07374-1
	.017 x .025	(0.432 x 0.635)	10	A07355-1	
	.019 x .025	(0.483 x 0.635)	10	A07357-1	A07377-1

Preformed Expanded Arch

Shape	Size (inch)	Size (mm)	Package Contains	Maxillary/Mandibular
Round	.016	(0.406)	10	E07025-1

FLI® Copper Nickel-Titanium 27 Preformed Expanded Arches

Shape	Size (inch)	Size (mm)	Package Contains	Man/Max without stops	Man/Max with stops
Round	.013	(0.330)	10	E07030-1	E07030S-1
	.014	(0.356)	10	E07031-1	E07031S-1
	.016	(0.406)	10	E07032-1	E07032S-1
	.018	(0.457)	10	E07033-1	E07033S-1
Rectangular	.014 x .025	(0.356 x 0.635)	10	E07034-1	E07034S-1
	.016 x .025	(0.406 x 0.559)	10	E07035-1	E07035S-1
	.018 x .025	(0.457 x 0.635)	10	E07036-1	E07036S-1