

Strap Name	Strap Color	Part Number	Strap Size		Average Strength*		Approx. Coil Length		Approx. Coil Width		Approx. Coil Outside Dia.		Core Size Inside Dia.		Coil Weight lbs	Standard Coils/Pallet	Strap Application Method
			inch	mm	lbs	N	ft	m	inch	mm	inch	mm	inch	mm			
			Empax™ Strapping - polypropylene														
5mm AMS 125	White	373.605.570 BP	0.181	5	127	564	12,000	3 659	7.5	191	16.7	424	8	203	22.9	30	Hot-Knife sealing power strapping machines that require embossed strapping
3/8" Superflex	Black	323.109.539	0.346	9	200	888	9,000	2 744	7.5	191	15.7	399	8	203	24.6	24	
3/8" AMS 250	White	M09250WH8	0.346	9	250	1 110	7,700	2 348	7.5	191	19.9	505	8	203	21.5	24	
3/8" AMS 250	White	M09250WH9	0.346	9	250	1 110	23,000	7,010	7.5	191	19.9	505	9	229	21.5	24	
1/2" AMS 350	White	M12350WH8	0.461	12	350	1 554	12,900	3,932	7.5	191	17.2	437	8	203	22	24	
1/2" AMS 350	White	M12350WH9	0.461	12	350	1 554	12,900	3,932	7.5	191	17.2	437	9	229	22	24	
1/2" AMS 500	White	M12501WH8	0.461	12	500	2 220	12,900	3,932	7.5	191	17.1	434	8	203	23.9	24	
1/2" AMS 500	Black	M12501WH6-7500	0.461	12	500	2 220	9,900	3,018	6	152	24.6	625	16	406	24.9	24	
1/2" AMS 600	Black	M12600BK6-7500	0.461	12	600	2 664	9,900	3,018	6	152	25.5	648	16	406	29.5	24	
Hand Grade 300 lb	Black	H12300BK6	0.472	12	300	1 332	7,200	2,195	6	152	24	610	16	406	22	24	
Hand Grade 500 lb	Black	H12500BK6	0.472	12	500	2 220	7,500	2,286	6	152	25	635	16	406	28	24	
Hand Grade 600 lb	Black	H12600BK6	0.472	12	600	2 664	7,500	2,286	6	152	25	635	16	406	33	24	

Seals & Buckles

Plastic joint types

Normal packaging rates for any application influence both the choice of strap and its joining methods. For low-volume, low-tension strapping of lightweight packages or bundles, Signode Steelock™ or Dylock™ buckles are probably the most economical method of joining strap, since they require no special sealing tool.

Seal Name	Part Number	Seal Type	Seal Length		Strap Size		Tool Name	Approx. Shipping Weight		Standard Package
			inch	mm	inch	mm		lbs	kg	
Dylock™ & Steelock™ buckles										
50 DL	000470	Dylock	20.6	.885	1/2	12	DLT	23	10.4	5,000
50 SL	000472	Steelock	23.8	.937	1/2	12	DLT	52	23.6	2,500



Seals for hand tool application

All types of 12mm Signode plastic strapping as well as 16mm and 19mm High-Strength Tenax strapping can be sealed with hand tools using metal seals. Signode manufactures snap-on seals for manual sealers and Nestack seals for use in combination strapping tools with seal magazines.

Snap-on seals

Signode snap-on seals use a grit coating on the inside to increase friction between the strapping and the seals. Snap-on seals are placed on overlapping strap ends during or after strap tensioning. These seals generally reduce application time.

Seal Name	Part Number	Seal Type	Seal Length		Strap Size		Tool Name	Approx. Shipping Weight		Standard Package
			inch	mm	inch	mm		lbs	kg	
Snap-on seals										
50 DVS	000465	Grit	3/4	19.0	1/2	12	D-504	40	18.1	3,100
50 DY	000466		1-1/8	28.3	1/2	12	D-504, D-506	42	19.1	2,500
58 DY	2X1672		1-1/2	38.1	5/8	16	D-58	28	12.7	1,000
34 DY	2X1795		2-1/8	55.9	3/4	19	M 380	45	20.4	1,000



Nestack® seals

Nestack seals use steel teeth to grip the strapping. They are stacked and held together by plastic filaments. Designed for use in seal magazines of combination strapping tools, they are packaged in trays that can be conveniently placed at any strapping station.

Seal and joint strength

To ensure positive joint strength on all four types of plastic strapping, Signode steel seals and special sealers are used to form crimp joints. Crimp joints are formed by compressing the seal onto overlapping straps. The holding power of the joint is generated by squeezing the straps and the seal together.

Seal Name	Part Number	Seal Type	Seal Length		Strap Size		Tool Name	Approx. Shipping Weight		Standard Package
			inch	mm	inch	mm		lbs	kg	
Nestack seals										
50 ASD	000531	Serrated	1-1/8	28.3	1/2	12	AMPT-12, AST	41	18.6	2,000
58 AMT	2X1303		1-1/8	28.3	5/8	16	AMT-58	33	15.0	1,440



Friction-weld® sealless joint

The Friction-weld® process, developed by Signode, positively joins plastic strapping without the use of seals or applied heat.