



Signode is committed to preserving and protecting the environment, from energy conservation to managing the waste we generate, as well as that of the customers we serve.

# Plastic Strapping

## Four types for a wide range of applications

Signode plastic strapping is manufactured for use with hand tools and high-production power strapping machines. All types have controlled surface properties that minimize

tensioning effort, increase tension-transmission around corners and improve operating efficiency. All are split-resistant to increase reliability in tools and power equipment.

Specifications for all varieties of Signode plastic strapping along with general methods of application for each type are detailed in the following tables.



### Contrax® strapping – polypropylene

Contrax polypropylene strapping is a good choice for light and medium-duty applications, including palletizing, unitizing, bundling, carton closure and reinforcement. It resists splitting and has a smooth, uniform surface so it

performs reliably in power strapping machines and hand tools. Contrax strapping has “elastic memory” which absorbs shock and keeps strapping tight during handling and shipping.

Strap Name	Standard Color	Part Number	Strap Width		Average Strength *		Approximate Length per Coil		Approx. Coil Outside Dia.		Core Size Inside Dia.		Approximate Coil Width		Coil Weight lbs	Standard Package Coils/Pallet	Strapping Application Methods	
			mm	inch	lbs	N	feet	m	inch	mm	inch	mm	inch	mm				
Light Duty Contrax	LD 213	Clear	2X1602	6	1/4	145	640	21,000	5 793	16	406	4	102	6	152	26	30	ML Power Strapping Machines
	LD 213	Yellow	2X1603															
	LD 216	Clear	2X1604	6	1/4	200	890	16,500	5 030	16	406	4	102	6	152	25		
	LD 216	Yellow	2X1605															
Heavy Duty Contrax	HD 719	Clear	2X1610	10.5	7/16	400	1 780	12,000	3 659	24	609	16	406	6	152	36	12	MOD-710 Power Strapping Machines, Pneumatic Tension-Weld Tools
	HD 719	Black	2X1611															
	HD 723	Clear	2X1612	10.5	7/16	500	2 220	9,000	2 744	24	609	16	406	6	152	34		
	HD 723	Black	2X1613															
	HD 729	Black	2X1618	10.5	7/16	600	2 670	7,700	2 348	24	609	16	406	6	152	36	Pneumatic Tension-Weld Tools, Hand Tools using metal seals	
	HG 723	Clear	2X2212	10.5	7/16	500	2 200	9,000	2 744	24	609	16	406	6	152	33.9		
	HG 723	Black	2X2213															
	816	Black	010366	12	1/2	500	2 220	8,000	2 439	24	609	16	406	6	152	33		
818	Black	010385	12	1/2	600	2 670	7,000	2 134	24	609	16	406	6	152	35			
LB, SP Light Duty Contrax	LB 112	Clear	2X1844	5	3/16	100	445	30,000	9 146	16	406	7.88	200	7.8	198	28	36	LBX Power Strapping Machines
	LB 112	Yellow	2X1870															
	LB 212	Clear	2X1845	6	1/4	150	667	24,000	7 317	16	406	7.88	200	7.8	198	27		
	LB 212	Yellow	2X1848															
	LB 113	Clear	2X1601	5	3/16	120	530	25,000	7 622	16	406	7.88	200	7.8	198	31	36	LB, SP & SureTyer Power Strapping Machines
	LB 113	Yellow	2X1709															
	SP 216	Clear	2X1606	6	1/4	200	890	18,000	5 488	16	406	7.88	200	7.8	198	28		
SP 216	Yellow	2X1607																
HB, SP General Duty Contrax	HB 612	Clear	2X1738	9	3/8	225	1 000	16,000	4 878	16	406	7.88	200	7.8	198	29	36	HBX Power Strapping Machines
	HB 612	Black	2X1727															
	HB 812	Clear	2X1885	12	1/2	300	1 330	12,000	3 659	16	406	7.88	200	7.8	198	27		
	HB 812	Black	2X1886															
	SP 616	Clear	2X1608	9	3/8	300	1 330	12,000	3 659	16	406	7.88	200	7.8	198	28	36	HB, SP & SureTyer Power Strapping Machines
	SP 616	Black	2X1609															
	SP 719	Clear	2X1614	10.5	7/16	400	1 780	9,000	2 744	16	406	7.88	200	7.8	198	28		
	SP 719	Black	2X1615															
	SP 723	Clear	2X1616	10.5	7/16	500	2 220	7,500	2 287	16	406	7.88	200	7.8	198	27		
	SP 723	Black	2X1617															



### Empax™ strapping – polypropylene

Empax waffled strapping is designed to perform in hot-knife sealing machines that require embossed strapping. It is a good choice for many light and medium-duty applications. A variety of coil sizes are available for use in many power strapping machines.

Empax has “elastic memory” to keep straps tight, and features consistent width and gauge control to run smoothly in your strapping machine. It is an economical choice for many applications.

Strap Name	Part Number	Standard Color	Strap Width		Average Strength *		Approximate Length per Coil		Core Size Inside Dia.		Face Width		Approx. Coil Outside Dia.		Coil Weight lbs	Standard Package	Strapping Application Methods
			mm	inch	lbs	N	feet	m	inch	mm	inch	mm	inch	mm			
Empax	2X1852	White	9	3/8	250	1 110	12,900	3 935	8	203	8	203	16	406	25	2 coils/box; 24 coils/skid	TTX, Table Tyer Power Strapping Machines
	2X1853		9	3/8	250	1 110	12,900	3 935	9	229	8	203	16	406	25		
	2X1854		12	1/2	325	1 445	9,900	3 020	8	203	8	203	16	406	26		
	2X1855		12	1/2	325	1 445	9,900	3 020	9	229	8	203	16	406	26		
	2X1856	Black	12	1/2	300	1 335	9,000	2 745	16	406	6	152	24	609	17	24 coils/skid	Hand tools and buckle application
	2X1857		12	1/2	500	2 225	7,200	2 195	16	406	6	152	24	609	22		

\* Strap break strengths are listed as averages. Always use American Society for Testing Materials (ASTM D-3950) minimum break strengths for package design/safety factor purposes. For proper strap selection, contact your Signode sales representative.