

Plastic Roller Chain

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P/N	Chain #	Material	Tensile strength at break	Elongation % ultimate	at 75% tensile strength	Elongation recovery at removal of load	After 10 min.	After 30 min.
25RCP	25	PP	29	11	6	72	91	95
25RCN	25	Nylon	65	34	14	69	84	87
25RCA	25	Acetal	63	9	5	88	93	98
35RCP	35	PP	66	10	5	80	92	94
35RCN	35	Nylon	136	11	9	73	87	91
35RCA	35	Acetal	136	6	5	88	95	95
40RCP	40	PP	89	8	4	77	87	92
40RCN	40	Nylon	173	9	7	73	87	88
40RCA	40	Acetal	175	4	3	86	91	95



Plastic roller chains are designed for light duty applications. The chains can be used in harsh chemical and caustic environments. They are FDA approved when manufactured from natural acetal. They are quiet, self lubricating, non-conductive, and non-magnetic. Plastic chains and sprockets are usually about 1/8 the weight of equivalent metal components.