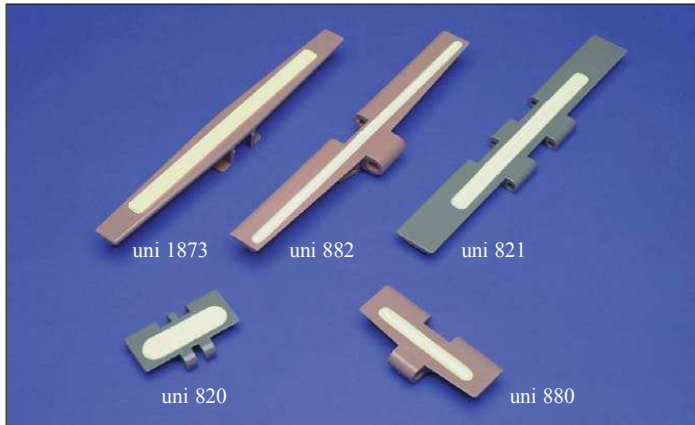




Chains with molded Rubber Inserts



The limit for the incline of a chain conveyor without the problem of products sliding back is usually 3-4 degrees.

uni-chains has solved the problem of transporting products on an inclining conveyor.

We produce chains with molded rubber inserts for most of our plastic series. The inserts are available in various hardnesses.

Chains with molded rubber inserts can be supplied for all uni Slat Top chains, Snap-On chains and some uni Flex chains.

Please contact uni-chains for further information.

Rubber Materials

Rubber code	TPE type	rubber color	hardness (shore A)	temperature range		FDA approved	Attachment to base link
				°C	°F		
00K	TPU	Black	55	-40 to +50°C	-40 to +122°F	no	Mechanical
01N	TPV	Natural	64	-40 to +125°C	-40 to +257°F	yes	Mechanical
03N	TPV	Natural	60	-40 to +104°C	-40 to +219°F	yes	Co-molding
03K	TPV	Black	60	-40 to +104°C	-40 to +219°F	no	Co-molding
04K	Amid	Black	75	-40 to +80°C	-40 to +176°F	no	Mechanical
05I	TPU	Ivory	85	-40 to +80°C	-40 to +176°F	yes	Mechanical
06N	TPO	Natural	92	-40 to +70°C	-40 to +158°F	no	Mechanical
06K	TPO	Black	92	-40 to +70°C	-40 to +158°F	no	Mechanical

Chains with molded Rubber Inserts

Inserts for Series uni 820/831 and uni 821

Rubber code

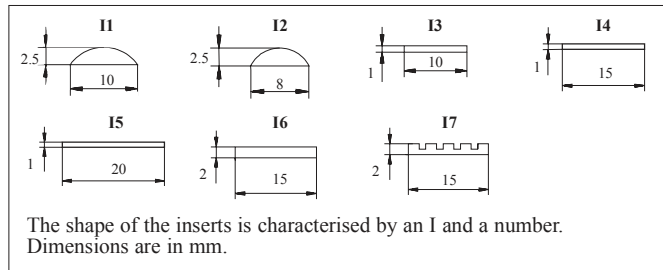
051

Material for base chain

POM-LF

Materials

See page 97 and 14



The primary size and type of insert are stated in the tables as the R-type + a number e.g. **R10** and shape **I1**.
The tables below show available lengths of the inserts.
The other lengths and types of inserts can be supplied upon request at an extra charge.

Type of inserts	I1		I2		I3		I4		I5		I6		I7	
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
uni 820/831-K250	12/30	0.47/1.18	-	-	-	-	-	-	-	-	-	-	-	-
uni 820/831-K325 R10	12/30 60	0.47/1.18 2.36	-	-	60/75	2.36	-	-	70	2.76	-	-	-	-
uni 820/831-K350 R10	12/30 60	0.47/1.18 2.36	-	-	60/75	2.36/2.95	-	-	70	2.76	-	-	-	-
uni 820/831-K400 R11	12/30 60/90	0.47/1.18 2.36/3.54	-	-	60/75	2.36/2.95	-	-	70	2.76	-	-	-	-
uni 820/831-K450 R12	12/30 60/90 105	0.47/1.18 2.36/3.54 4.13	-	-	60/75 108	2.36/2.95 4.25	-	-	70	2.76	-	-	100	3.94
uni 820/831-K600 R13	12/30 60/90 105/130	0.47/1.18 2.36/3.54 4.13/5.12	-	-	60/75 108/140	2.36/2.95 4.25/5.51	140	5.51	70/140	2.76/5.51	-	-	100	3.94
uni 820/831-K750 R14	12/30 60/90 105/130 170	0.47/1.18 2.36/3.54 4.13/5.12 6.69	-	-	60/75 108/140	2.36/2.95 4.25/5.51	140	5.51	70/140	2.76/5.51	-	-	100	3.94

Type of inserts	I1		I2		I3		I4		I5		I6		I7	
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
uni 821-K750 R14	12/30 60/90 105/130 170	0.47/1.18 2.36/3.54 4.13/5.12 6.69	-	-	60/75 108/140	2.36/2.95 4.25/5.51	140	5.51	70	2.76	-	-	100	3.94
uni 821-K1000 R15	12/30 60/90 105/130 170/200	0.47/1.18 2.36/3.54 4.13/5.12 6.69/7.87	-	-	60/75 108/140 200	2.36/2.95 4.25/5.51 7.87	140/200	5.51/7.87	70/140 200	2.76/5.51 7.87	250	9.84	100/235	3.94/9.25
uni 821-1200 R16	12/30 60/90 105/130 170/200	0.47/1.18 2.36/3.54 4.13/5.12 6.69/7.87	295	11.61	60/75 108/140 200/290	2.36/2.95 4.25/5.11 7.87/11.42	140	5.51	70/140 200	2.76/5.51 7.87	250	9.84	100/235	3.94/9.25