



ENGLISH

**Precision Brand Inch Plastic Shim Assortment Packs**



PRECISION BRAND Color Coded Shim is made from a high quality plastic material  
 Great for all your plastic shim requirements  
 Used for gaskets, special parts and various manufacturing applications  
 Easy to cut  
 Resists oil  
 Minimal compression during use  
 Thickness tolerances to industry standards  
 Consistent performance  
 Non-conductive to electricity  
 Thickness indicated by shim color  
 Eliminates need for micrometer, saves time and reduces error

RS Code	Manufacturers Code	Description	
		<b>Plastic Shim: Inch</b>	
518-772	<b>77-644-105</b>	0.0005"	5 X 20"
519-056	<b>77-644-110</b>	0.001"	5 X 20"
518-936	<b>77-644-115</b>	0.0015"	5 X 20"
518-996	<b>77-644-120</b>	0.002"	5 X 20"
519-113	<b>77-644-125</b>	0.003"	5 X 20"
519-040	<b>77-644-130</b>	0.004"	5 X 20"
518-807	<b>77-644-135</b>	0.005"	5 X 20"
518-986	<b>77-644-140</b>	0.0075"	5 X 20"
519-068	<b>77-644-145</b>	0.010"	5 X 20"
519-052	<b>77-644-150</b>	0.0125"	5 X 20"
518-794	<b>77-644-155</b>	0.015"	5 X 20"
518-784	<b>77-644-160</b>	0.020"	5 X 20"
519-046	<b>77-644-165</b>	0.025"	5 X 20"
519-030	<b>77-644-170</b>	0.030"	5 X 20"
519-107	77-644-175	0.040"	5 X 20"
518-788	77-644-180	0.050"	5 X 20"
518-851	77-644-185	0.060"	5 X 20"
		<b>Assortment Packs</b>	
518-778	77-644-905	Plastic Assorted Pack: Sheet size 5" x 20"	14 pce 0.0005" to 0.030"

***Bold italic* Manufacturers codes indicate which sizes make up the contents of the assortment packs**



This is to certify that to the best of our knowledge and belief, all values shown below are correct and true and the material complies with the specifications shown.

**COLOR CODED SHIM**

**.0005 - .005 POLYESTER  
.0075 - .060 POLYVINYL CHLORIDE (PVC)**

	<b>.0005 - .005</b>	<b>.0075 - .030</b>	<b>.040 - .060</b>
TENSILE STRENGTH	30,000 PSI	6,600 PSI	14,000 PSI
ULTIMATE ELONGATION	90%	180%	180%
FOLDING ENDURANCE (MIT)	>100,000	37,000	37,000
TEAR STRENGTH (ELMENDORF)	20 g/mil	--	--
MOISTURE ABSORPTION	0.8%	0.15%	0.15%
THICKNESS TOLERANCE	+/- 5%	+/- 5%	+/- 5%
COMPRESSION @ 5,000 PSI	1.0%	0.7%	0.7%
SERVICE TEMPERATURE	-90° F - 300° F	-10° F - 155° F	-10° F - 155° F
<b>MEETS SPECIFICATION:</b>	L-P-377	L-P-535	L-P-535