



Polytek® Polyurethane Rubbers

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Series	Product	Mix Ratio	Shore Hardness	Pour Time	Demold Time @ 73°F	Cured Color	Mixed Viscosity (cP)	Specific Volume (in³/lb)	Specific Gravity	Elongation (%)	Tensile Strength (psi)	Die C Tear Strength (pli)
POLY 74-SERIES Soft to Medium-Hard Polyurethane Rubbers	Poly 74-20	1A:2B by weight	A20	20 min.	16 hr.	Yellow	800	27.5	1.01	1,060	217	43
	Poly 74-29	1A:1B by weight	A30	30 min.	16 hr.	Black or Off-White	2,800	27.5	1.02	1,600	520	109
	Poly 74-30	1A:1B by weight	A30	25-30 min.	16 hr.	Amber/Varies	2,000	27.5	1.01	506	281	62
	Poly 74-30 Clear	1A:1B by weight	A30	25-30 min.	16 hr.	Transparent Amber	2,000	27.5	1.01	507	281	62
	Poly 74-30 HT	1A:1B by weight	A30	25-30 min.	16 hr.	Amber/Varies	2,000	27.5	1.01	975	304	70
	Poly 74-40	2A:1B by weight	A40	20 min.	16 hr.	Varies	3,400	27.5	1.01	400	349	95
	Poly 74-41	1A:1B by weight	A40	20 min.	16 hr.	Amber/Varies	2,000	27.5	1.01	1,060	360	77
	Poly 74-44	2A:1B by weight	A45	20 min.	16 hr.	Gray	3,500	27.5	1.01	2,422	462	129
	Poly 74-45	1A:1B by weight	A45	30 min.	16 hr.	Yellow	2,000	27.5	1.02	1,135	408	82
	Poly 74-55	4A:1B by weight	A55	15 min.	16 hr.	Amber	4,000	27.5	1.01	894	679	155
	Poly 47-105	1A:1B by weight	A40	20 min.	16 hr.	Off-White	4,000	27.5	1.01	864	541	76
POLY 75-SERIES Medium to Hard Polyurethane Rubbers	Poly 75-59	1A:1B by weight	A60	10 min.	16 hr.	Amber	2,500	27	1.05	588	637	122
	Poly 75-60	1A:1B by weight	A60	10 min.	16 hr.	Amber	1,200	27	1.05	459	545	103
	Poly 75-65	1A:1B by weight	A65	35 min.	16 hr.	Yellow	3,000	27	1.04	550	520	145
	Poly 75-70	1A:1B by weight	A70	40 min.	16 hr.	Gray	3,000	27	1.05	724	938	299
	Poly 75-75	2A:1B by weight	A75	20 min.	16 hr.	Amber	4,000	26	1.06	722	1,064	247
	Poly 75-80	2A:1B by weight	A80	45 min.	16 hr.	Yellow	5,000	26	1.07	468	750	199
	Poly 75-90	2A:1B by weight	A90	10-15 min.	16 hr.	Tan	6,000	26	1.07	774	1,979	368

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Series	Product	Mix Ratio	Shore Hardness	Pour Time	Demold Time @ 73°F	Cured Color	Mixed Viscosity (cP)	Specific Volume (in³/lb)	Specific Gravity	Elongation (%)	Tensile Strength (psi)	Die C Tear Strength (pli)
POLY 81-SERIES Very Hard Rubbers	Poly 81-90	100A:40B by weight	A90	23 min.	16 hr.	Varies	2,000	26.6	1.06	463	1,550	357
	Poly 81-D45	100A:20B by weight	D45	19 min.	16 hr.	Varies	1,600	26.4	1.08	327	1,426	380
	HPE-45	1A :1B by weight	A45	8-10 min.	24 hr.	Amber Clear	6,000	25.0	1.01	>1200%	1,660	175
	HPE-60	1A :1B by weight	A60	6-8 min.	24 hr.	Amber Clear	6,000	25.0	1.04	920	1,690	242
	HPE-70	1A :1B by weight	A70	6-8 min.	24 hr.	Amber Clear	6,000	25.0	1.04	800	2,040	104
POLYGEL® SERIES Brushable & Sprayable Rubbers	Polygel® 35	1A:1B by weight or volume	A35	10-15 min.	16 hr.	Light Blue	Medium Thixotropic	27.5	1.02	620	436	70
	Polygel® Spray 35	1A:1B by weight or volume	A35	10 min.	16 hr.	Light Blue (varies)	Medium Thixotropic	27.5	1.06	627	507	71
FORMRUB SERIES	FormRub 35	1A:1B by weight	A35	15 min.	16 hr.	Turquoise	600	27.2	1.02	2,250	283	69
	FormRub 50	1A:1B by weight	A50	15 min.	16 hr.	Orange	800	26.6	1.03	975	600	115
	FormRub 60	1A:1B by weight	A60	22 min.	16 hr.	Off-White/Tan	2,000	26.6	1.04	850	835	189
	FormRub 65	1A:1B by weight	A65	35 min.	16 hr.	Yellow/Amber	1,500	26.6	1.04	600	500	150
PT FLEX SERIES Fast-Setting Rubbers	PT Flex 20	1A:1B by weight	A20	4 min.	2 hr.	Tan	520	27.5	1.0	770	250	50
	PT Flex 50	1A:1B by weight	A50	5 min.	2 hr.	Yellow/Amber	450	26.9	1.03	200	250	50
	PT Flex 60	1A:1B by weight	A60	5 min.	2 hr.	Yellow/Amber	600	26.9	1.03	235	345	70
	PT Flex 70	1A:1B by weight	A70	4 min.	2 hr.	Yellow/Amber	700	26.4	1.05	175	730	130
	PT Flex 85	1A:1B by weight	A85	5 min.	2 hr.	Yellow/Amber	750	26.2	1.06	250	1,064	190
SPECIALTY	Poly GlassRub 50	1A:1B by weight or volume	A50	30 min.	16 hr.	Glass-Like/Blue-Clear	1,200	27.5	1.0	750	360	74

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