



SERITHANE GOLD

TECHNICAL PROPERTIES

<i>Hardness/Durezza</i>		65	75	85	90
Hardness/Durezza	sh. A	65	75	85	90
Density/Densità	gr/c ³	1,20	1,20	1,21	1,22
Elongation/Allungamento	%	630	700	780	570
Tensile strenght/Carico di	Kg/cm ²	300	295	280	320
Tear resistance/Lacerazione	Kg/cm	30	36	48	58
Abrasion resistance/Abrasion	mm ³	40	48	46	80
Resilience/Resilienza	%	55	55	59	46

<i>Agein in air (70h at 100 °C)</i> <i>Invecchamento</i>		65	75	85	90
Change in durometer hardness	%	-3	-3	-4	-4
Change in ultimate elongation	%	+8	-15	+12	=
Change in tensile strenght	%	+10	+1,5	-8	-7

<i>Immersion in ASTM oil N.3</i> <i>(70 h at 100 °C)</i>		65	75	85	90
Change in durometer hardness	%	-8	-6	-6	-4
Change in ultimate elongation	%	+6	+5	=	=
Change in tensile strenght	%	+10	+12	+8	+7
Change in volume	%	+4	+3,5	+3,5	+2

<i>Immersion in Solvent and Ink</i> <i>(24 h at 21 °C)</i>		Up to 75 ShA		Over 80 ShA	
		Change in Volume %	Change in Abrasion %	Change in Volume %	Change in Abrasion %
Cyclohexanone		37,62	83,33	34,40	6,12
Acetone		89,75	795,83	68,71	189,80
Butylacetone		13,15	75,00	11,31	-14,29
Ink		7,00	37,50	5,50	-32,65
UV Ink		2,31	=	2,68	-16,33



SERITHANE UL

TECHNICAL PROPERTIES

<i>Hardness/Durezza</i>		60	70	80	90
Hardness/Durezza	sh. A	60	70	80	90
Density/Densità	gr/c ³	1,23	1,23	1,24	1,24
Elongation/Allungamento	%	430	460	430	420
Tensile strenght/Carico di	Kg/cm ²	325	320	320	320
Tear resistance/Lacerazione	Kg/cm	25	75	80	105
Abrasion resistance/Abrasione	mm ³	50	50	48	41
Resilience/Resilienza	%	23	23	30	27

<i>Agein in air (70h at 100 °C)</i>		60	70	80	90
Change in durometer hardness	%	=	-1	-2	-1
Change in ultimate elongation	%	-4	-5	-3	-5
Change in tensile strenght	%	-12	-9	=	+3

<i>Immersion in ASTM oil N.3 (70 h at 100 °C)</i>		60	70	80	90
Change in durometer hardness	%	-1	-3	-6	-5
Change in ultimate elongation	%	=	+1	=	+3
Change in tensile strenght	%	-8	-5	+3	+16
Change in volume	%	+5	+6	+2	+1,5

<i>Immersion in Solvent and Ink (24 h at 21 °C)</i>		Up to 75 ShA		Over 80 ShA	
		Change in Volume %	Change in Abrasion %	Change in Volume %	Change in Abrasion %
		32,24	327,27	28,08	46,34
Cyclohexanone		70,06	837,50	65,41	104,88
Acetone		12,24	30,30	9,44	2,44
Butylacetone		8,09	78,79	5,46	-19,51
Ink		2,12	-24,24	1,56	=
UV Ink					