

<b>Material</b>	<b>0hrs</b>	<b>1hr</b>	<b>2hrs</b>	<b>3hrs</b>	<b>4hrs</b>	<b>5hrs</b>	<b>6hrs</b>	<b>7hrs</b>	<b>8hrs</b>	<b>9hrs</b>	<b>10hrs</b>	<b>11hrs</b>	<b>12hrs</b>
<b>Nylon</b>	27.55	26.61	22.79	23.11	23.39	23.71	21.18	22.09	20.40	21.25	20.96	20.49	20.81
<b>PVC</b>	10.86	9.95	8.73	7.86	6.70	6.04	5.58	5.52	5.78	5.44	5.79	5.41	5.43
<b>Wool</b>	6.51	5.76	4.79	4.84	5.00	4.75	4.63	4.67	4.75	4.89	4.97	4.95	5.00
<b>Viscose/Nylon/Lycra</b>	11.74	9.74	8.65	8.17	7.75	7.53	6.29	5.66	5.46	5.49	5.45	5.97	5.74

  

<b>Material</b>	<b>13hrs</b>	<b>14hrs</b>	<b>15hrs</b>	<b>16hrs</b>	<b>17hrs</b>	<b>18hrs</b>	<b>19hrs</b>	<b>20hrs</b>	<b>21hrs</b>	<b>22hrs</b>	<b>23hrs</b>	<b>24hrs</b>
<b>Nylon</b>	20.30	18.80	19.44	19.25	19.82	20.12	18.67	19.09	19.01	19.03	19.75	19.31
<b>PVC</b>	5.35	5.54	5.50	5.37	5.45	5.40	5.51	5.16	5.18	6.29	5.15	5.43
<b>Wool</b>	4.77	5.06	5.04	4.98	5.13	4.95	4.82	4.67	4.99	5.08	5.15	5.22
<b>Viscose/Nylon/Lycra</b>	5.56	5.33	5.32	5.24	5.02	5.33	5.10	5.20	5.27	5.03	5.49	5.22

Table 7 Persistence of fluorescent powder on four different materials over a 24 hour period (Each value is a mean of five experimental runs).

<b>Material</b>	<b>0hrs</b>	<b>1hr</b>	<b>2hrs</b>	<b>3hrs</b>	<b>4hrs</b>	<b>5hrs</b>	<b>6hrs</b>	<b>7hrs</b>	<b>8hrs</b>	<b>9hrs</b>	<b>10hrs</b>	<b>11hrs</b>	<b>12hrs</b>
<b>Nylon</b>	100	90.04	49.58	52.97	55.93	59.32	32.52	42.16	24.26	33.26	30.19	25.21	28.60
<b>PVC</b>	100	85.25	65.48	51.38	32.58	21.88	14.42	13.45	17.67	12.16	17.83	11.67	11.99
<b>Wool</b>	100	64.95	19.63	21.96	29.44	17.76	12.15	14.02	17.76	24.30	28.04	27.10	29.44
<b>Viscose/Nylon/Lycra</b>	100	73.12	58.47	52.02	46.37	43.41	26.75	18.28	15.59	15.99	15.46	22.45	19.35

  

<b>Material</b>	<b>13hrs</b>	<b>14hrs</b>	<b>15hrs</b>	<b>16hrs</b>	<b>17hrs</b>	<b>18hrs</b>	<b>19hrs</b>	<b>20hrs</b>	<b>21hrs</b>	<b>22hrs</b>	<b>23hrs</b>	<b>24hrs</b>
<b>Nylon</b>	23.20	7.31	14.09	12.08	18.11	21.29	5.93	10.38	9.53	9.75	17.37	12.71
<b>PVC</b>	10.70	13.78	13.13	11.02	12.32	11.51	13.29	7.62	7.94	25.93	7.46	11.99
<b>Wool</b>	18.69	32.24	31.31	28.50	35.51	27.10	21.03	14.02	28.97	33.18	36.45	39.72
<b>Viscose/Nylon/Lycra</b>	16.94	13.84	13.71	12.63	9.68	13.84	10.75	12.10	13.04	9.81	15.99	12.37

Table 8 Percentage persistence of fluorescent powder on four different materials over a 24 hour period (each value is a mean of 5 experimental runs).