
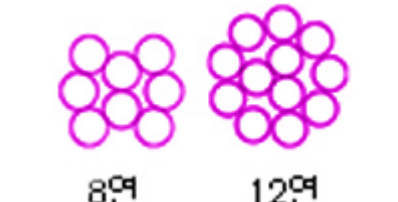


♣ Aone Polyester Rope ♣ ◆Korea-PDF File ◆◆English-PDF File ◆◆

| | |
|---|---|
| Structure | Applications |
|  | Mooring, Towing, Tug lines. |
| | Feature |
| | <p>POLYESTER ROPE is made from high tenacity polyester yarns. Polyester has, either in wet and dry condition, the same breaking strength and will not get stiff during use. Aone polyester ropes are pre-stretched.</p> <p>① High strength and low stretch ② Excellent abrasion for longer service life</p> |
|  | |

| Physical Properties | | | |
|-------------------------------|---------------------|---------------|---------------------|
| Fiber | Construction | Melting Point | Elongation at break |
| Polyester multifilament fiber | 8 strand, 12 strand | 265 °C | 15~30 % |

Aone Polyester 8 Strand Rope

| item No. | Dia. | | Breaking Strength | | Cir. | | Weight | |
|----------|------|--------|-------------------|---------|------|-------|---------|-----------|
| | mm | Inch | KG | LBS | mm | Inch | kg/100m | lbs/100ft |
| APR840 | 40 | 1-9/16 | 32,000 | 70,500 | 120 | 5 | 121 | 81.3 |
| APR844 | 44 | 1-3/4 | 38,000 | 83,700 | 132 | 5-1/2 | 147 | 98.8 |
| APR848 | 48 | 1-7/8 | 46,000 | 101,400 | 144 | 6 | 175 | 117.6 |
| APR852 | 52 | 2-1/16 | 54,000 | 119,000 | 156 | 6-1/2 | 205 | 137.8 |
| APR856 | 56 | 2-1/4 | 62,000 | 136,600 | 168 | 7 | 238 | 159.9 |
| APR860 | 60 | 2-3/8 | 73,000 | 160,900 | 180 | 7-1/2 | 273 | 183.4 |
| APR864 | 64 | 2-1/2 | 83,000 | 182,900 | 192 | 8 | 311 | 209 |
| APR872 | 72 | 2-7/8 | 103,000 | 227,000 | 216 | 9 | 393 | 264.1 |
| APR880 | 80 | 3-5/32 | 127,000 | 279,900 | 240 | 10 | 485 | 325.9 |

Aone Polyester 12 Strand Rope

| item No. | Dia. | | Breaking Strength | | Cir. | | Weight | |
|----------|------|--------|-------------------|---------|------|-------|---------|-----------|
| | mm | Inch | KG | LBS | mm | Inch | kg/100m | lbs/100ft |
| APR040 | 40 | 1-9/16 | 34,000 | 74,900 | 120 | 5 | 122 | 81.6 |
| APR044 | 44 | 1-3/4 | 39,000 | 85,900 | 132 | 5-1/2 | 147 | 98.8 |
| APR048 | 48 | 1-7/8 | 47,000 | 103,600 | 144 | 6 | 175 | 117.6 |
| APR052 | 52 | 2-1/16 | 56,000 | 123,400 | 156 | 6-1/2 | 205 | 137.8 |
| APR056 | 56 | 2-1/4 | 64,000 | 141,000 | 168 | 7 | 238 | 159.9 |

| | | | | | | | | |
|--------|------------|-------------|---------|---------|-----|--------|-------|-------|
| APR060 | 60 | 2-3/8 | 76,000 | 167,500 | 180 | 7-1/2 | 273 | 183.4 |
| APR064 | 64 | 2-1/2 | 84,000 | 185,000 | 192 | 8 | 311 | 209 |
| APR072 | 72 | 2-7/8 | 109,000 | 240,300 | 216 | 9 | 393 | 264.1 |
| APR080 | 80 | 3-5/32 | 133,000 | 293,000 | 240 | 10 | 485 | 325.9 |
| APR088 | 88 | 3-7/16 | 159,000 | 350,500 | 264 | 11 | 587 | 394.4 |
| APR096 | 96 | 3- 13/16 | 191,000 | 421,000 | 288 | 12 | 698 | 468.7 |
| APR010 | 104 | 4-1/8 | 221,000 | 487,000 | 312 | 12-3/4 | 820 | 551 |
| APR011 | 112 | 4-7/16 | 256,000 | 564,000 | 336 | 14 | 950 | 638.4 |
| APR012 | 120 | 4-3/4 | 293,000 | 645,900 | 360 | 15 | 1,090 | 732.4 |