

# TUG OF WAR ROPES

Tug of War has always been one of the most popular recreational activities. Jammarmfg provides different sizes and options to accommodate all ages, sizes and abilities.



**TRADITIONAL GRADE TUG OF WAR ROPES | 1in DIAMETER:** 1" diameter quality 3-strand twisted manila, polypropylene or poly Dacron rope. Each rope has a firmly woven 5 foot circumference "anchor man end loops." These ropes come in sizes of 25ft, 50ft, 75ft and 100 ft. lengths and are recommended for grade school level competition.



**SOFT POLY DACRON TUG OF WAR ROPES | 3/4in DIAMETER:** 3/4" diameter quality 3-strand twisted poly Dacron rope. Each rope has a firmly woven 5 foot circumference "anchor man end loops." These ropes come in sizes of 25ft, 50ft, 75ft and 100 ft. A very soft rope and smaller diameter so is recommended for younger children.



**SOFT MULTICOLORED COTTON TUG OF WAR ROPES | 1-1.25in DIAMETER:** Choose from 1" or 1.25" diameter 3-strand twisted multicolored cotton rope. Each rope has a single overhand knot on each end with whipped ends to deter from unraveling. These ropes come in sizes of 25ft, 50ft and 75ft lengths and are recommended for grade school level competition.



**COMPETITION STYLE TUG OF WAR ROPES | LARGE DIAMETER:** Choose from 1.25", 1.5" or 2" diameter quality 3-strand twisted manila, polypropylene or poly Dacron rope. Each rope is a cut piece of rope with whipped ends and covered with durable poly boot to deter from unraveling. These ropes come in sizes of 25ft, 50ft, 75ft and 100ft. lengths and bigger diameter rope is recommended for larger hands and bodies.



**4 TEAM TUG OF WAR ROPES | TRADITIONAL:** Four Team Tug of War Rope has added a new dimension The 4-way tug of war rope allows up to 20 students to participate at one Very popular and economical group activity and encourages isotonic pulling to achieve group goals.



**4 TEAM TUG OF WAR ROPE | METAL RING:** Our new and improved version of the traditional Four Team Tug of War Rope has added a new dimension, a metal ring center allows more options and ways to pit four different teams against or ways to work together.

## TUG OF WAR SAFETY

- Never let participants let go of rope allowing other side to over compensate and spring backwards.
- Stop competition as soon as last player passes win line on losing team.
- Allow approximately 5 ft of rope for "puller" to avoid bunching up (purchase rope accordingly).
- Never let anyone pull unless both teams are "ready".
- For tug of war ropes with hand loops- never pass arms into "hand" loops. Grab loop with hands only.
- Never let participants wrap rope around and body part to help with grip.
- Do not exceed 1/2 tensile strength of rope in good condition.
- Avoid getting manila rope wet. It is susceptible to dry rot which will cause rope to weaken and break. It also loses 1/3 of rope's strength when used wet. Keep in dry and cool storage. Dry out completely before storing. Any degradation and/or cut strands replace immediately. Rope are relatively inexpensive and can be replaced easily.
- Supervision is needed to ensure a safe completion and play area. Use common sense and limits.
- Inspect rope before and after each use.
- Not to be used other than intended.

ROPE DIA	ROPE CIR	MANILA	DACRON	POLYPRO	COTTON
3/4in	2.25in	4800	8500	8400	3700
1in	3in	8100	17916	18228	5100
1.25in	3.75in	12150	22000	21000	6900
1.5in	4.5in	16650	38420	33840	NA
2in	6in	30000	65492	62824	NA

**USE AND HANDLING:** Provide safe play area at and around competition area. Includes soft non-abrasive surfaces free from dangerous debris or obstacle. Do not pull over dangerous terrain, etc. Be sure there is ample space behind each team side to accommodate 1/2 the rope length plus plenty of space for a potential backward thrust. If in a gym or indoors provide wall mats in back of teams.

**MAINTENANCE NOTE:** To avoid rope strands being pulled out of the rope at splice areas we strongly suggest covering and reinforcing this area with a heavy duty tape. If strands do come out, simply twist strand together and reinsert the strand into the rope by following the weave as noted in other splices. Do NOT exceed 1/2 tensile strength of rope in good condition. Avoid getting manila rope wet and inspect for mildew and/or dry rot, if used outdoors, before each use. Discard if detected.

