

Synthetic Rope Selection Guide

The selection of synthetic rope has many factors to take into consideration. There are safety factors which are generally accepted depending method of use, 3:1 for pulling and 7:1 or 5:1 for lifting depending on application and rope being used.

These safety factors are only a guide and should be considered alongside the application and the health and safety working procedures in place.

See below for standard rope CBS Products Ltd. offer and the minimum breaking strength ratings:

Rope	Diameter (mm)	MBL (kg.f)
Parallel Polyester Core; Low Twist/Low Stretch	8	3000
Parallel Polyester Core; Low Twist/Low Stretch	10	4400
Parallel Polyester Core; Low Twist/Low Stretch	12	5790
Super Strength UHM Polyethylene Low Stretch	6	4254
Super Strength UHM Polyethylene Low Stretch	7	6984
Super Strength UHM Polyethylene Low Stretch	8	8730
Super Strength UHM Polyethylene Low Stretch	9	10039
Super Strength UHM Polyethylene Low Stretch	10	11712
Super Strength UHM Polyethylene Low Stretch	11	14051
Super Strength UHM Polyethylene Low Stretch	12	16733

Rope lengths vary depending on rope diameter selected and which drum being used, contact our sales department for this information.