

## 2024 Ultimate Tippet Shootout: 20lb Scoring

Manufacturer	Tippet	Size	Material	Measured Diameter (mm)	Measured Tensile Strength (lbs)	Strength-to-Diameter Score	Uni Knot Strength (lbs)	Knot Strength Score	Tensile Strength Post-Abrasion (lbs)	Abrasion Score	Combined Score
Scientific Anglers	Absolute Clear	20lb	Nylon	0.323	20.44	93	18.54	89	7.21	78	260
Orvis	Superstrong Plus Nylon	20lb	Nylon	0.336	20.76	91	19.58	88	8.05	79	258
Varivas	Super Trout Advance Extreme Shock Leader Nylon	20lb	Nylon	0.393	26.64	90	25.76	88	10.6	78	256
Varivas	Seabass Shock Leader VEP-F Nylon	20lb	Nylon	0.380	24.29	88	21.41	82	10.64	81	251
RIO	Powerflex	20lb	Nylon	0.334	17.81	84	17.23	83	8.23	81	248
Scientific Anglers	Absolute Fluorocarbon Saltwater Supreme	20lb	Fluorocarbon	0.334	20.5	91	15.22	77	7.93	79	247
Frog Hair	Deep Blue Saltwater	20lb	Nylon	0.393	23.27	83	22.75	82	11.62	83	248
Umpqua	Deceiver HD Big Game Fluoro	20lb	Fluorocarbon	0.362	21.57	87	19	80	9.31	79	246
TroutHunter	Fluorocarbon Big Game	19.4lb	Fluorocarbon	0.342	19.64	87	16.14	78	8.61	81	246
Umpqua	Perform X HD Nylon	20lb	Nylon	0.431	29.02	86	25.06	77	13.79	83	246
Hatch	Professional Series Fluorocarbon	20lb	Fluorocarbon	0.416	28.45	88	20.93	71	13.58	86	245
Frog Hair	FC Fluorocarbon	22lb	Fluorocarbon	0.395	23.57	83	20.62	76	12.19	85	244
Seaguar	Tatsu Fluorocarbon	20lb	Fluorocarbon	0.375	24.62	90	16.76	71	10.62	83	244
Varivas	Seabass Shock Leader Premium Fluoro Carbon	20lb	Fluorocarbon	0.372	23.34	88	17.11	72	10.31	82	242
Varivas	Super Tippet Master Spec II Fluoro Carbon	19.5lb	Fluorocarbon	0.337	19.17	87	13.58	71	9.17	85	243
RIO	Saltwater Fluoroflex	20lb	Fluorocarbon	0.383	20.67	79	19.77	77	12.03	87	243
Varivas	Super Trout Advance Big Trout Shock Leader VSP Fluoro Carbon	22lb	Fluorocarbon	0.376	23.57	88	16.71	70	10.59	82	240
RIO	Fluoroflex Strong	20lb	Fluorocarbon	0.377	19.1	77	17.89	73	11.37	86	236
RIO	Freshwater Fluoroflex	20lb	Fluorocarbon	0.384	20.71	79	17.73	71	11.79	86	236
Shimano	Mastiff FC	20lb	Fluorocarbon	0.379	20.12	79	18.09	73	10.83	83	235
Orvis	Mirage Fluorocarbon	20lb	Fluorocarbon	0.384	19.77	77	18.74	74	11.55	85	236
Umpqua	Deceiver HD Big Game Fluoro Pink	20lb	Fluorocarbon	0.365	19.23	80	16.22	72	10.07	82	234
Scientific Anglers	Absolute Fluorocarbon	20lb	Fluorocarbon	0.380	19.52	77	18.27	74	11.14	84	235
Berkley	Trilene Fluorocarbon	20lb	Fluorocarbon	0.445	28.32	81	23.86	70	14.29	81	232
Seaguar	Basix Fluorocarbon	20lb	Fluorocarbon	0.400	21.27	76	20.48	74	11.55	81	231
Pline	Fluorocarbon	20lb	Fluorocarbon	0.427	25.81	80	20.49	66	13.75	84	230
Scientific Anglers	Absolute Fluorocarbon Saltwater	20lb	Fluorocarbon	0.386	19.65	76	18.12	71	10.8	81	228
Maxima	Clear	20lb	Nylon	0.451	24.72	71	23.41	67	16.85	90	228
Scientific Anglers	Absolute Leader Material	20lb	Nylon	0.372	16.76	71	16.31	70	10.19	81	222
Maxima	Ultragreen	20lb	Nylon	0.450	24.12	70	22.79	66	15.78	86	222
Frog Hair	Nylon	20lb	Nylon	0.340	15.31	76	15	75	6.64	69	220
RIO	Saltwater Mono	20lb	Nylon	0.455	24.37	69	23.04	65	15.86	85	219
RIO	Salmon/Steelhead	20lb	Nylon	0.449	23.02	67	21.19	62	14.13	80	209
Maxima	Chameleon	20lb	Nylon	0.447	22.24	65	19.69	58	15.2	85	208
RIO	Hard Mono Saltwater	20lb	Nylon	0.518	23.94	46	23.42	45	17.32	74	165
Scientific Anglers	Absolute Hard Mono	20lb	Nylon	0.567	21.49	16	20.59	13	17.37	59	88