

1

00:00:00,000 --> 00:00:04,780

Don't try what you're about to see at home. We're what you call experts. Okay, go

2

00:00:08,080 --> 00:00:10,080

On this episode of myth busters

3

00:00:11,480 --> 00:00:17,480

Gravity-defying legend Nick Walenda prepares the master mother nature's grandest canyon

4

00:00:19,240 --> 00:00:23,360

This is tough. It's not just mental. It's physical a

5

00:00:24,240 --> 00:00:27,920

Walk into history that Adam and Jamie are on their way to witness

6

00:00:28,920 --> 00:00:34,320

Destination the wall in the work turn right 200 yards they hope

7

00:00:36,840 --> 00:00:41,280

I just kind of expecting more people I mean crossing the canyon on a wire is a big event

8

00:00:43,360 --> 00:00:45,360

Recalculating this definition

9

00:00:46,400 --> 00:00:48,400

This can't be right

10

00:00:48,920 --> 00:00:51,320

Destination wall in the world 50 yards

11

00:00:53,000 --> 00:00:55,000

I'm not even sure this is

12

00:00:57,920 --> 00:01:00,760

So thanks a lot lady

13

00:01:04,440 --> 00:01:10,600

There's your problem show would call for backup no signal, right? Let's go see where we are

14

00:01:17,800 --> 00:01:19,320

Yeah, we're lost

15

00:01:19,320 --> 00:01:26,440

Not only we lost our car is totally junk. We're out of gas and our navigation's up its found. Well, what do you think's next?

16

00:01:27,920 --> 00:01:31,360

Gotta figure out a way to get out of here. Wouldn't be nice. We had a trunk full of duct tape

17

00:01:36,440 --> 00:01:38,440

Yep, hold on to your hat

18

00:01:42,920 --> 00:01:47,160

Can Adam and Jamie's favorite fabric looks bad feels good

19

00:01:48,440 --> 00:01:53,040

Defeat desolate deserts your Nick will end arguing. I have one and the same

20

00:01:53,440 --> 00:01:59,920

Conquer colossal climbs people do this for recreation and navigate raging river rapids

21

00:02:01,640 --> 00:02:04,520

This is the duct tape Canyon special

22

00:02:09,760 --> 00:02:11,760

Who are the mythbusters

23

00:02:12,800 --> 00:02:14,800

Adam Savage, this is

24

00:02:15,840 --> 00:02:17,840

And Jamie Heineman

25

00:02:18,840 --> 00:02:22,960

Between them more than 30 years of special effects experience

26

00:02:24,320 --> 00:02:26,320

Together with Brad Himahara

27

00:02:27,920 --> 00:02:29,920

Carrie Byron and

28

00:02:30,320 --> 00:02:32,320

Tori Belatia come along for the journey

29

00:02:33,240 --> 00:02:35,240

They don't just tell the myths

30

00:02:35,800 --> 00:02:37,800

They put them to the test

31

00:02:37,800 --> 00:02:50,760

Back your packaging put on your prom wear its mythbusters versus wild West

32

00:02:53,040 --> 00:02:58,120

As we've made obvious in the past we have a passion for the duct tape it's handy stuff

33

00:03:00,160 --> 00:03:02,160

We've used it to make a sailboat

34

00:03:02,480 --> 00:03:04,480

We've used it to make a bridge

35

00:03:04,480 --> 00:03:05,600

cannon

36

00:03:05,800 --> 00:03:09,280

Crash barrier we've used it to escape from a deserted island

37

00:03:11,880 --> 00:03:15,600

Since we've proven it's the ultimate survival tool we never leave home without it

38

00:03:15,600 --> 00:03:19,160

Which is lucky because before we get interrupted by the opening credits

39

00:03:19,160 --> 00:03:23,600

We were dressed for success and heading on our way to watch Nick will end a walk across the Grand

Canyon

40

00:03:23,600 --> 00:03:26,000

But our GPS had other plans

41

00:03:26,320 --> 00:03:30,640

Steered us to the Canyon's edge in the middle of nowhere with nothing but a trunk full of duct tape

42

00:03:31,000 --> 00:03:36,560

We need a plan well, that's easy all we have to do is go down to the river and follow it back to civilization

43

00:03:37,080 --> 00:03:39,080

exactly

44

00:03:42,200 --> 00:03:45,880

Okay, apparently it's not gonna happen that way meddling producers

45

00:03:46,880 --> 00:03:48,880

seriously, okay

46

00:03:49,880 --> 00:03:52,680

All right, so apparently we're not at the Canyon's edge

47

00:03:52,680 --> 00:03:57,240

We are stranded literally in the middle of nowhere. We have to go find the Canyon and the temperatures hovering where

48

00:03:57,800 --> 00:04:02,840

Yeah, right around zero. Hmm. Well fortunately, I brought along a bunch of extra bubble pack

49

00:04:03,480 --> 00:04:07,760

Excellent. I love that stuff too. Well, I guess all that's left is for us to get zap back out there

50

00:04:07,760 --> 00:04:09,760

So editors we do our honors

51

00:04:11,440 --> 00:04:17,480

That was weird artistic license all right, so our cars out of gas our GPS doesn't work

52

00:04:17,520 --> 00:04:21,360

We're dressed to the nines and we are completely lost

53

00:04:21,920 --> 00:04:26,400

What do we do? Maybe we should take inventory see what we've got to work with good enough. Let's do it

54

00:04:27,240 --> 00:04:30,760

The first task for our tuxedo to some is to take stock

55

00:04:31,920 --> 00:04:33,920

chatbot

56

00:04:34,480 --> 00:04:37,600

Because when stranded in a remote and hostile location

57

00:04:37,720 --> 00:04:42,320

It's the first and most fundamental step of any survival strategy

58

00:04:42,960 --> 00:04:44,960

assess your equipment

59

00:04:45,960 --> 00:04:48,200

I found jelly beans. Oh great

60

00:04:48,920 --> 00:04:50,200

And beef jerky

61

00:04:50,200 --> 00:04:55,400

Food and water is a start, but the real prize is Jamie's stash of sticky stuff

62

00:04:56,280 --> 00:05:02,280

And packing that pops I don't go anywhere without duct tape. Why do you see what I got in the other bags?

63

00:05:02,520 --> 00:05:08,120

Over the years I've become really fond of duct tape, but there's one other material that I've added to my list

64

00:05:08,800 --> 00:05:10,160

bubble packing

65

00:05:10,160 --> 00:05:12,160

You never know when it'll come in handy

66

00:05:12,840 --> 00:05:16,480

How about now because some hot couture is required

67

00:05:17,160 --> 00:05:20,400

And we're in the high desert and you'd expect it to be pretty hot

68

00:05:20,400 --> 00:05:26,720

It is not hot at all. In fact the temperature out here is hovering right around zero degrees Celsius 32 degrees Fahrenheit

69

00:05:26,720 --> 00:05:30,120

And while the tuxedo does a fine job of making me look darn good. I

70

00:05:31,480 --> 00:05:37,880

Am freezing my tuccus off luckily we brought a terrific insulator with us in the form of this bubble packaging

71

00:05:37,920 --> 00:05:42,320

You need some duct tape sure the dynamic duo to the rescue

72

00:05:43,080 --> 00:05:46,680

Tuckus freezing temperatures means plastic ponchos all around

73

00:05:47,680 --> 00:05:51,280

One of my favorite things looks bad feels good. I

74

00:05:52,600 --> 00:05:56,320

Guess I shouldn't be surprised at how effective this is, but I am

75

00:05:58,000 --> 00:06:03,560

These little air bubbles are just like the bubbles in foam rubber and so it's very insulating

76

00:06:04,320 --> 00:06:09,640

With our now less than debon air duo cloaked against the cold. It's time to take action

77

00:06:10,760 --> 00:06:15,080

cue the slow-mo for a dramatic cinematic

78

00:06:15,600 --> 00:06:17,440

scouting mission

79

00:06:17,440 --> 00:06:20,640

Now we know we're in Canyon land and where there's a canyon

80

00:06:20,680 --> 00:06:25,840

There's usually a river at the bottom of it and that'll be our most direct route back to civilization

81

00:06:27,080 --> 00:06:33,080

Hey, that's what we want, but the thing is we don't know exactly where it is

82

00:06:33,960 --> 00:06:39,480

So I figure we need to find some high ground and see if we can get a better view of the terrain. Oh

83

00:06:40,520 --> 00:06:42,320

Yeah

84

00:06:42,360 --> 00:06:45,560

Not just better the view is breathtaking

85

00:06:46,840 --> 00:06:48,840

Literally

86

00:06:49,280 --> 00:06:51,280

Hold on a second while I

87

00:06:51,440 --> 00:06:53,440

Catch your breath have a heart attack

88

00:06:55,040 --> 00:06:59,800

Heart attack inducing but it was worth the effort salvation is in sight

89

00:07:00,800 --> 00:07:04,760

There's our canyon. That's it. All right. Oh, I'm glad this was worth it

90

00:07:05,440 --> 00:07:09,240

Well, it looks like it's a long ways off, but now we know where we're headed

91

00:07:09,240 --> 00:07:12,320

So it's time to head back to base camp and make some preparations

92

00:07:13,000 --> 00:07:16,680

And back at the broken-down car. There's two types of news

93

00:07:17,480 --> 00:07:20,480

The good news is we know where we're going the bad news is

94

00:07:20,760 --> 00:07:24,960

There's only a couple of hours a daylight left, which means we can't set out until the morning

95

00:07:25,600 --> 00:07:31,480

Shelter and warmth are crucial. So Jamie begins by building a duct-tape Bivouac

96

00:07:32,080 --> 00:07:35,800

Well, that's one with a bunch more. I'll have myself a tent

97

00:07:36,800 --> 00:07:41,720

And bright spark Adam planning on calving in the car as an idea

98

00:07:42,840 --> 00:07:48,780

Freedom there's that nav in the electrics may be up to spout, but I'm willing to bet this battery still has enough charge to create a spark

99

00:07:49,840 --> 00:07:53,640

As long as I can create a spark I can make a fire. That's the theory

100

00:07:54,120 --> 00:07:58,960

Okay, okay calm down everybody calm down, but the wires are too hot to handle

101

00:07:59,280 --> 00:08:03,320

You know how hot I'm getting this it's melting the cover right off. It's getting hard to hold actually

102

00:08:03,880 --> 00:08:11,040

Duck tape to the rescue a little bit of insulation from his favorite fabric provides handy handles

meaning

103

00:08:15,080 --> 00:08:17,080

You can totally do this

104

00:08:19,400 --> 00:08:22,520

This is happening for real oh my gosh

105

00:08:23,000 --> 00:08:29,000

Meanwhile with the cold night rapidly closing in Jamie shelter favors function over form

106

00:08:29,000 --> 00:08:33,640

This wasn't exactly what I had in mind as far as a tent, but it'll keep the dew off of me

107

00:08:33,640 --> 00:08:35,640

it'll keep the wind off and

108

00:08:35,840 --> 00:08:39,800

With a sleeping bag made out of bubble packing. I'll be good to go

109

00:08:40,640 --> 00:08:45,960

Yep, they started out stranded lost in the unforgiving expanse of the Canyon lands

110

00:08:46,400 --> 00:08:48,400

But with a little myth-busting ingenuity

111

00:08:49,320 --> 00:08:51,040

Come sunset

112

00:08:51,040 --> 00:08:53,040

Not a bad day

113

00:08:53,160 --> 00:08:55,440

They have a romantic firelit dinner

114

00:08:56,160 --> 00:08:58,160

Jelly bean know where they're headed

115

00:08:59,000 --> 00:09:07,680

Tomorrow to the canyons and a cozy campsite for two gonna be toasty duck tape and bubble pack the choice for all discerning survivors

116

00:09:08,240 --> 00:09:10,900

This is just like a duvet. Good night, Jamie

117

00:09:11,720 --> 00:09:13,720

good night

118

00:09:21,720 --> 00:09:25,080

But when day two does dawn our desperate duo

119

00:09:25,920 --> 00:09:31,400

Otters all gone we'll discover just what it takes to conquer the hard cold Canyon lands

120

00:09:46,520 --> 00:09:48,520

The Canyon lands

121

00:09:50,000 --> 00:09:52,240

spectacularly breathtakingly beautiful

122

00:09:55,080 --> 00:09:57,080

But also terrifying terrain

123

00:09:57,720 --> 00:09:59,160

remote

124

00:09:59,160 --> 00:10:01,160

hostile and Baron

125

00:10:02,280 --> 00:10:10,360

Clearly not somewhere to be stranded we are completely lost at least not without a good supply of life-saving sticky stuff

126

00:10:11,080 --> 00:10:13,800

And Jamie's favorite plastic packaging

127

00:10:15,880 --> 00:10:21,640

And the cold and wet morning sees our dapperly dress duo in surprisingly good shape

128

00:10:22,120 --> 00:10:26,960

So the sun has come out just a little bit it's warming up

129

00:10:26,960 --> 00:10:32,760

We're hiking to the canyon today and that means we've got to pack up as much of this stuff as we can possibly carry

130

00:10:33,160 --> 00:10:36,080

Jamie is making some kind of a sled that we can drag

131

00:10:36,080 --> 00:10:40,960

I'm going to make a shoulder-sling messenger bag to carry all the small stuff and then

132

00:10:41,560 --> 00:10:43,120

We hit the road

133

00:10:43,120 --> 00:10:49,880

From their vantage point yesterday their route back to civilization the canyon looks to be a tough trek of 15 miles

134

00:10:50,440 --> 00:10:54,400

And at the end of it they'll need to get all their supplies down to the river

135

00:10:56,120 --> 00:10:59,680

So our tuxedoed soon-to-be pack mules go to work

136

00:10:59,680 --> 00:11:00,760

I

137

00:11:00,760 --> 00:11:05,960

Think this last bit ought to be about enough this thing right here is the start of a

138

00:11:06,240 --> 00:11:09,000

Travwah what I'm going to be doing is making

139

00:11:09,480 --> 00:11:11,080

two of these things

140

00:11:11,080 --> 00:11:14,080

Lashed together like a ladder so I can

141

00:11:14,640 --> 00:11:20,840

Grab them like so and drag them hopefully this will be strong enough thanks to all this duct tape to hold it together

142

00:11:21,520 --> 00:11:24,600

It's about the most efficient way that I know of to

143

00:11:25,200 --> 00:11:32,920

Improvise a heavy load carrying capability. I don't know that you'd want to go through the airport with one of these but across this kind of

144

00:11:32,920 --> 00:11:34,920

Terrain it actually is going to be quite useful

145

00:11:35,800 --> 00:11:43,040

Yeah, that's not too bad at all not bad, but when Jamie reinvents the duct tape roll is a wheel it's much better

146

00:11:44,080 --> 00:11:48,200

I don't know how long they're gonna last but that's a fraction of the work to pull

147

00:11:48,600 --> 00:11:52,240

Meanwhile having nailed this season's hottest handbag

148

00:11:52,760 --> 00:11:54,280

Adams thinking ahead

149

00:11:54,280 --> 00:11:57,800

Now that we're trudging out one of the things we're gonna need a lot of is rope

150

00:11:58,680 --> 00:12:00,680

So Adam gets a twirling

151

00:12:01,560 --> 00:12:07,280

Luckily I was a cheerleader in high school and with the rope round stacked and packed along with the rest of their supplies

152

00:12:07,280 --> 00:12:12,200

Are formally dressed frontiersmen hit the trail bike car. Thanks for nothing

153

00:12:12,840 --> 00:12:14,840

With their Trav Wah

154

00:12:15,320 --> 00:12:19,400

How's it feel? It's not bad. It's gonna get old after a while though

155

00:12:20,280 --> 00:12:23,960

And so begins the long dusty slog through the desert

156

00:12:24,680 --> 00:12:27,840

Thanks to yesterday's scouting mission. They know where they're going

157

00:12:27,920 --> 00:12:32,140

But with limited supplies of food and water and a heavy load to lug

158

00:12:32,800 --> 00:12:34,800

Ain't gonna be easy

159

00:12:34,960 --> 00:12:41,500

Well, I tell you what there's not really a better way of doing this, but it's hard. I'm gonna have a workout

160

00:12:42,960 --> 00:12:47,200

Several hours in and what's not working out is the formal footwear

161

00:12:48,320 --> 00:12:51,820

Not exactly hiking shoes, but a little extra toe room

162

00:12:53,320 --> 00:12:59,380

Actual is a lot nicer and some all-purpose packaging sandproofing and they're on the road again

163

00:12:59,920 --> 00:13:01,920

All right, much doggy

164

00:13:03,160 --> 00:13:08,760

Problem is it's not a road and barely halfway there their supplies are exhausted

165

00:13:09,760 --> 00:13:13,240

Well, I'm gonna stop for a drink of water water's all gone

166

00:13:14,800 --> 00:13:16,720

Listen up

167

00:13:16,720 --> 00:13:20,160

Then the hard packed plateau Peters out to soft sand

168

00:13:20,760 --> 00:13:24,800

And their desert drudgery begins to take a real toll

169

00:13:25,680 --> 00:13:30,460

If they're gonna make it to the canyon, let's get out of the wind for a minute. They need to re-energize

170

00:13:31,800 --> 00:13:37,960

Being dehydrated in the desert is a one-way ticket to delirium and Adams no exception

171

00:13:38,760 --> 00:13:40,760

I

172

00:13:43,640 --> 00:13:50,160

Wait a minute, you're balancing on a gear Nick will end argue. I am one and the same

173

00:13:50,720 --> 00:13:52,720

What are you doing here?

174

00:13:52,840 --> 00:13:54,440

searching

175

00:13:54,440 --> 00:13:56,440

Same as you I

176

00:13:57,840 --> 00:13:59,840

Don't know what I'm searching for

177

00:14:01,520 --> 00:14:03,520

None of us know what we're looking for

178

00:14:04,520 --> 00:14:08,800

Oh, wait a minute. Is this like one of those Southwest vision quest kind of things

179

00:14:11,400 --> 00:14:14,840

Awesome, you do know that you're in the wrong state though, right?

180

00:14:15,760 --> 00:14:20,000

This isn't the Grand Canyon. This is Utah. No, I'm pretty sure this is the Grand Canyon

181

00:14:20,040 --> 00:14:23,840

It's your GPS that screwed up not mine. Anyway, I gotta get ready

182

00:14:26,440 --> 00:14:32,640

After Adam Awakes courtesy of some duct tape finger gloves Jamie scavenged a prickly pear lunch

183

00:14:34,520 --> 00:14:39,640

Oh, that's delicious. Yeah, it's like kiwi or something nicely done

184

00:14:43,760 --> 00:14:51,120

With our tuxedo trek has rejuvenated they resume their march and two hours later

185

00:14:52,880 --> 00:14:58,080

They finally reach their destination where a welcome site awaits

186

00:15:03,920 --> 00:15:05,920

There she is

187

00:15:11,520 --> 00:15:17,560

The thing about these kinds of settings is they're so beautiful at the same time as they're terrifying

188

00:15:18,400 --> 00:15:20,400

I mean just look at that

189

00:15:21,840 --> 00:15:27,720

Well after our day of trekking we have found our river and it's only two football fields away from us problem is

190

00:15:28,120 --> 00:15:34,800

Straight down you root down to the river is not immediately obvious. So we're gonna set out looking first thing in the morning

191

00:15:36,880 --> 00:15:39,960

Hey, Jamie good night

192

00:15:42,840 --> 00:15:47,800

Coming up with the Sun Adam and Jamie are going down

193

00:15:57,720 --> 00:15:59,720

Oh

194

00:16:09,440 --> 00:16:14,720

Welcome back to the myth busters duct tape Canyon special so far in this episode Jamie and I have been stranded far from

195

00:16:15,120 --> 00:16:20,800

civilization with only duct tape and bubble packaging to get ourselves back to safety look at that

196

00:16:21,120 --> 00:16:28,200

Now it's time to break out all the duct tape and duct tape rope that we've got get ourselves to the bottom of this case

197

00:16:30,200 --> 00:16:32,040

It sounds easy

198

00:16:32,040 --> 00:16:38,500

But repelling the 150 foot cliff face to salvation is going to be one of the most challenging

199

00:16:38,800 --> 00:16:40,800

Experiences of their myth busting lives

200

00:16:42,200 --> 00:16:44,200

But it's their only way out

201

00:16:45,200 --> 00:16:50,600

All right, let's start laying it out and success depends on the strength

202

00:16:51,280 --> 00:16:55,800

Awesome and length of their duct tape rope, but it looks like what we got us about

203

00:16:56,360 --> 00:17:02,240

250 feet which is fantastic because it looks like it's about 150 to the bottom with knots. It's

just enough rope

204

00:17:03,520 --> 00:17:07,160

So it's long enough that is it strong enough?

205

00:17:07,160 --> 00:17:11,580

We've ended up making a lot of duct tape rope on this show and on duct tape bridge

206

00:17:12,060 --> 00:17:19,060

We actually did a strength test of it and we found that a single strand of tape was capable of supporting about 70 pounds

207

00:17:21,300 --> 00:17:23,300

67.3 pounds of force

208

00:17:24,220 --> 00:17:28,460

Each of these ropes has four strands in it giving them a breaking strength about

209

00:17:29,060 --> 00:17:32,820

280 pounds each add three of them together and you get 840

210

00:17:32,820 --> 00:17:37,380

But you've got to remove about 40% of that strength because you put a knot in the rope in the end

211

00:17:37,380 --> 00:17:39,480

We get a safety ratio of about three to one

212

00:17:39,960 --> 00:17:45,560

Last than ideal, but hopefully it's enough and with Jamie strapped in his safety harness

213

00:17:45,560 --> 00:17:48,060

It's time for the rope ride of a lifetime

214

00:17:49,440 --> 00:17:54,200

But it certainly won't be a joy ride height is not the Heinemann's friend

215

00:17:54,840 --> 00:18:01,080

I've ended up doing a fair amount of climbing throughout my life, but the thing is I absolutely hate it

216

00:18:01,080 --> 00:18:03,080

I don't mind saying I'm hyperventilating

217

00:18:03,960 --> 00:18:09,880

When I'm anywhere near the edge of a cliff my mind is just going over and over and over

218

00:18:10,280 --> 00:18:14,200

What it would feel like to be in free fall with a sudden stop at the bottom

219

00:18:15,640 --> 00:18:18,960

Okay, Adam you got the other end don't let go I won't

220

00:18:21,560 --> 00:18:28,520

But if you focus on what's right in front of you and do your best to blank everything else out you can pretty much do whatever you have to

221

00:18:32,040 --> 00:18:34,040

But I'm unhappy

222

00:18:36,040 --> 00:18:38,040

Jamie hesitates

223

00:18:38,720 --> 00:18:44,920

Stealing himself for the 150 foot climb or if things go south the 150 foot drop

224

00:18:45,560 --> 00:18:47,800

Yep, it's a long way down

225

00:18:48,560 --> 00:18:50,560

Well

226

00:18:50,560 --> 00:18:52,560

Now or never

227

00:18:53,000 --> 00:18:55,000

There we go

228

00:18:55,000 --> 00:18:57,000

Uh

229

00:18:58,440 --> 00:19:02,720

That's the moment the moment Jamie's weight is suspended over the abyss

230

00:19:05,800 --> 00:19:07,560

I get a foothold

231

00:19:07,560 --> 00:19:13,560

Well so far so good a mere 145 feet to go. I'm good, Adam

232

00:19:14,960 --> 00:19:16,960

Okay

233

00:19:17,800 --> 00:19:24,560

Jamie supporting his own weight on the three strand duct tape rope. It's hard work and a rest is welcome. Okay

234

00:19:25,000 --> 00:19:28,600

Stop okay, hold the gun. There's a ledge about

235

00:19:29,880 --> 00:19:31,880

25 feet down or so

236

00:19:32,040 --> 00:19:34,040

You need a place to rest

237

00:19:34,760 --> 00:19:36,760

Okay, I'm gonna go over it

238

00:19:36,920 --> 00:19:38,920

From here on

239

00:19:41,400 --> 00:19:44,680

Every single one of the remaining 125 feet

240

00:19:49,080 --> 00:19:52,360

This is a long way down it's all free fall

241

00:19:53,320 --> 00:19:55,560

Oh my arms about to even happen

242

00:20:04,720 --> 00:20:06,720

Slowly but surely

243

00:20:07,800 --> 00:20:09,800

Handhold by handhold

244

00:20:11,120 --> 00:20:13,120

Grunt by grunt

245

00:20:14,040 --> 00:20:16,040

Almost there

246

00:20:16,640 --> 00:20:19,080

The Heinemann conquers the canyon

247

00:20:23,080 --> 00:20:25,080

I

248

00:20:26,440 --> 00:20:28,120

Made it

249

00:20:28,120 --> 00:20:35,240

Awesome, and I can't believe how far that was the duct tape worked though. I can't believe it. I'm here and

250

00:20:36,520 --> 00:20:40,360

Alive once again duct tape did the job

251

00:20:41,000 --> 00:20:43,000

and

252

00:20:43,400 --> 00:20:46,920

With their supplies unceremoniously slung over the side

253

00:20:47,720 --> 00:20:49,720

It's Adam's turn

254

00:20:49,720 --> 00:20:51,720

I come

255

00:20:51,960 --> 00:20:56,840

This is it everything of ours is now at the bottom of this canyon except for me

256

00:21:00,600 --> 00:21:02,600

This is

257

00:21:05,800 --> 00:21:12,760

These minutes it's time for me to make the journey I can't wait for this to be over. I'm serious. I can't wait for this to be over

258

00:21:16,280 --> 00:21:19,400

Okay, okay, oh there's a foothold right there

259

00:21:20,200 --> 00:21:22,200

Oh, that's a nice foothold

260

00:21:25,080 --> 00:21:27,080

Calm people live calm people live

261

00:21:27,800 --> 00:21:34,440

Once past that convenient ledge, it's just mythbusters ingenuity between adam and a grisly date with gravity

262

00:21:42,760 --> 00:21:44,760

Yeah

263

00:21:45,160 --> 00:21:51,480

The surging adrenaline seems to be making him extra chatty people do this for recreation

264

00:21:52,280 --> 00:21:55,400

He's certainly a lot more vocal than Jamie was. Oh

265

00:21:56,600 --> 00:21:58,600

My nuts are killing me

266

00:21:58,760 --> 00:22:02,680

What's left of them and the tight harness could be the reason

267

00:22:03,560 --> 00:22:08,680

His voice is several octaves higher than usual. The view is really quite lovely

268

00:22:09,960 --> 00:22:14,120

A couple things our duct tape broke. It's really nice and strong

269

00:22:14,760 --> 00:22:16,760

And wide enough to get a good grip on

270

00:22:19,320 --> 00:22:20,920

Nice work

271

00:22:20,920 --> 00:22:26,120

Second of all the worst part the worst part is the very first one

272

00:22:26,760 --> 00:22:31,320

Just sitting on the ledge of that rock and knowing that you've got to swing yourself over open space

273

00:22:31,480 --> 00:22:35,080

I made the mistake of looking down and my whole body is like nope. Nope

274

00:22:36,600 --> 00:22:38,280

Any minute

275

00:22:38,280 --> 00:22:40,600

And your brain is like we're gonna do it and your buddy's like nope

276

00:22:41,880 --> 00:22:44,360

You have this whole discussion. I actually needed an extra moment

277

00:22:44,920 --> 00:22:47,080

Just to make sure that my brain is in charge

278

00:22:47,480 --> 00:22:52,840

And it was and then slowly made our way down the rope was beautiful. It bounced a little bit. Wow

279

00:22:53,160 --> 00:22:55,160

It is seriously bouncy at this point

280

00:22:55,720 --> 00:22:59,720

And minutes later. I'm standing solidly a beautiful terra firma

281

00:23:04,840 --> 00:23:06,840

That first step

282

00:23:06,920 --> 00:23:08,920

I know this is a family show, but that first step is

283

00:23:09,480 --> 00:23:11,000

up

284

00:23:11,000 --> 00:23:13,000

That was really rough

285

00:23:13,960 --> 00:23:20,200

Yep, they're down and on their way, but that's one duct tape tale that will stay with them forever

286

00:23:24,120 --> 00:23:27,960

Do not try what you're about to see at home we consult with experts

287

00:23:28,040 --> 00:23:31,800

We take every precaution and we have years of experience in dangerous situations

288

00:23:31,800 --> 00:23:48,360

In 2012 two men were marooned destined to die. Well, it's been almost a full day without water

289

00:23:49,320 --> 00:23:54,680

It's hard but when luck served up for this much duct tape. We are sad

290

00:23:55,080 --> 00:23:59,080

They rejected that reality and substituted their own

291

00:24:02,520 --> 00:24:06,440

This year lightning has struck twice

292

00:24:07,400 --> 00:24:09,400

Look at that

293

00:24:10,680 --> 00:24:15,720

But in the cold canyon lands with nothing but packaging and fromware

294

00:24:17,080 --> 00:24:20,040

Will mother nature bite back?

295

00:24:20,600 --> 00:24:22,600

Oh

296

00:24:26,760 --> 00:24:32,840

Well, no because thanks to their favorite fabrics our men in black have made camp

297

00:24:34,040 --> 00:24:38,040

Make progress and made jaymie go weak at the knees

298

00:24:44,600 --> 00:24:47,160

And having walked that tightrope of terror

299

00:24:48,040 --> 00:24:50,040

I think it's that way

300

00:24:52,360 --> 00:24:54,360

Things are looking up

301

00:24:56,360 --> 00:25:00,360

Finally that is a relief. Oh, that's a sight for sore feet

302

00:25:02,200 --> 00:25:04,200

And shoulders

303

00:25:04,360 --> 00:25:10,760

The reason it's such a soothing sight is this red river could spell the end of their desert trail

304

00:25:11,080 --> 00:25:14,440

Well after our ordeal of trudging down the canyon

305

00:25:14,440 --> 00:25:18,520

We have reached the river at the canyon's bottom. This is not our final destination

306

00:25:18,520 --> 00:25:22,040

This is just hopefully the highway to our final destination

307

00:25:23,960 --> 00:25:28,920

So we got to make our way down the river clearly means another duct tape boat, you know not necessarily

308

00:25:29,160 --> 00:25:36,360

I mean what if we wrapped ourselves in the bubble packing and made sort of like a big floaty wetsuit

309

00:25:37,080 --> 00:25:42,840

It would keep us warm. It would allow us to float. We get a lot of control. I mean, it's not like you're gonna fall out of the boat

310

00:25:42,920 --> 00:25:47,000

All right, why don't we do a test sure, okay

311

00:25:48,680 --> 00:25:55,480

When it comes to crafting duct tape craft, I need more power the myth busters have extensive experience

312

00:25:57,720 --> 00:25:59,720

Today they're keeping it simple

313

00:26:00,280 --> 00:26:02,840

As they literally wrap adam up in bubble pack

314

00:26:03,080 --> 00:26:08,840

That's gonna be awesome before sealing him with tape. It just has to keep you warm and allow you to float

315

00:26:10,120 --> 00:26:12,120

It's about as basic as you can get

316

00:26:12,920 --> 00:26:14,360

I think you're good

317

00:26:14,360 --> 00:26:16,360

But maybe it's enough

318

00:26:17,800 --> 00:26:23,640

I'm in theory that it's much more efficient to wrap ourselves in the bubble packaging and duct tape rather than try and make boats

319

00:26:23,880 --> 00:26:27,960

I'm about to do a test. We're gonna see how well this both floats me and more importantly

320

00:26:28,360 --> 00:26:32,760

Insulates me against this nearly freezing cold water. I got the other end. All right, don't let go

321

00:26:35,640 --> 00:26:37,960

At first adam seems to be enjoying himself

322

00:26:39,480 --> 00:26:41,480

But not for long

323

00:26:42,840 --> 00:26:44,840

Ah

324

00:26:45,080 --> 00:26:49,640

Oh, it's starting to seep in dude. It's starting to seep in it's so cold

325

00:26:51,800 --> 00:26:55,640

Well our duct tape and bubble pack suit seem to work fine

326

00:26:56,360 --> 00:26:59,400

But then two things happened one it stopped insulating me

327

00:27:00,600 --> 00:27:06,520

The water started seeping in oh my god, it's cold and in second my legs went up and I was horizontal

328

00:27:06,760 --> 00:27:07,640

Okay

329

00:27:07,640 --> 00:27:12,600

Pull me in pull me in I would just be a leaf floating down in this river at the mercy of every current

330

00:27:13,560 --> 00:27:15,560

Okay

331

00:27:16,760 --> 00:27:20,280

This is not the way to go so it's back to the drawing board

332

00:27:20,760 --> 00:27:24,840

Literally, all right with my bubble boy suit doesn't work. Clearly. We got to make a boat

333

00:27:25,240 --> 00:27:31,480

I'm digging something like a pontoon lash to another pontoon with us sitting like in the middle like that

334

00:27:31,720 --> 00:27:38,200

Well, something tells me that making a large one of these is going to be problematic because the material itself isn't very strong

335

00:27:38,360 --> 00:27:41,080

Maybe we should make two separate smaller ones smaller

336

00:27:41,160 --> 00:27:44,200

We make them the more robust they're going to be more redundancy

337

00:27:44,280 --> 00:27:46,840

You know if one of us goes down the other one's got flotation

338

00:27:47,000 --> 00:27:52,200

So it's two boats and two duct tape designs first up the captain's log

339

00:27:53,000 --> 00:27:55,000

I decided on a log raft design because

340

00:27:55,560 --> 00:28:01,800

I know that I can roll up this bubble pack real tight and make these really safe reliable logs

341

00:28:02,120 --> 00:28:04,120

And then all I have to do is lash them together

342

00:28:04,440 --> 00:28:08,040

If something happens if one of them gets ripped off it doesn't really matter

343

00:28:08,200 --> 00:28:13,160

Because I'll still have a bunch more to hang on to and I'll be safe. That's the theory

344

00:28:13,720 --> 00:28:14,920

I'm gonna roll away

345

00:28:14,920 --> 00:28:16,920

And here's the graphic

346

00:28:17,000 --> 00:28:21,880

The rafts building blocks are pontoons made from bubble pack and condensed by tape

347

00:28:22,600 --> 00:28:28,120

He'll make 10 of those which will then be trussed together with tape and twine to create the basic shape

348

00:28:29,240 --> 00:28:33,080

Finally, he'll add a waterproof paddle zone and a duct tape bore

349

00:28:33,720 --> 00:28:36,040

But will this float his boat to freedom?

350

00:28:38,360 --> 00:28:41,080

Well with cap and hinderman getting down to the nitty gritty

351

00:28:41,720 --> 00:28:46,200

This sand is just horrible. Let's ship out with seamen savage

352

00:28:47,880 --> 00:28:49,080

Yeah

353

00:28:49,080 --> 00:28:54,520

That's what the right size like james adam's raft also relies on packaging pontoons

354

00:28:55,240 --> 00:28:57,240

This is exhausting

355

00:28:57,320 --> 00:29:03,160

But instead of 10 short stubbies he's turning out four tall twos halfway there

356

00:29:04,040 --> 00:29:05,240

Ugh

357

00:29:05,240 --> 00:29:08,680

These four lengthy logs will be stuck together to form his hull

358

00:29:09,880 --> 00:29:14,280

He'll then insert a waterproof lining complete with padding from which he'll paddle

359

00:29:15,160 --> 00:29:20,760

He's hoping this streamline shape will make it not just easy to float but also easy to steer

360

00:29:22,360 --> 00:29:26,600

Like an envelope once adam's posted his envelope into the pontoons

361

00:29:27,160 --> 00:29:28,760

Yes, good

362

00:29:28,760 --> 00:29:31,720

Good good good and sealed it in place. Awesome

363

00:29:32,040 --> 00:29:35,000

It's all set for a dry run. Oh, yeah

364

00:29:36,040 --> 00:29:39,080

Oh, yeah, I'm ready for some adventure

365

00:29:41,080 --> 00:29:43,080

Look out

366

00:29:52,280 --> 00:29:55,960

Meanwhile at camp hinderman function comes before fun

367

00:29:56,760 --> 00:30:01,160

What I'm doing is taking these individual pontoons and tying them together in pairs

368

00:30:01,800 --> 00:30:03,800

And then those pairs into four

369

00:30:04,440 --> 00:30:07,960

And then two fours into eight which will be the total length of my craft

370

00:30:08,840 --> 00:30:11,320

While jamie may be all work and no play

371

00:30:11,880 --> 00:30:17,160

There's no doubt that his build is less serious streamlining and more comedy couch

372

00:30:20,680 --> 00:30:26,060

You've made a couch all you might as well be comfortable on your journey, huh a river couch

373

00:30:26,060 --> 00:30:28,060

Ha ha ha ha ha ha ha ha

374

00:30:31,420 --> 00:30:33,420

That is hilarious

375

00:30:33,420 --> 00:30:37,900

I don't think our boats could be any more different. I know and yet I think they're both pretty good

376

00:30:37,900 --> 00:30:41,100

I think they both ought to do the trip. I think they both ought to get us to freedom

377

00:30:41,660 --> 00:30:45,420

It's true that like their owners these boats are chalk and cheese

378

00:30:45,900 --> 00:30:50,060

The question is with the finishing touches done will either of them work

379

00:30:56,220 --> 00:31:02,300

Adam jumps ship. Yeah, hey, that's not so bad, but befitting a man captaining a couch

380

00:31:03,660 --> 00:31:06,140

Jamie's launch is a little more leisurely

381

00:31:08,700 --> 00:31:13,580

Seems like it's pretty stable. I can move around good. I can turn well

382

00:31:15,740 --> 00:31:17,740

This is working great

383

00:31:18,700 --> 00:31:20,700

We haven't even gotten started yet

384

00:31:20,700 --> 00:31:22,700

Ha ha ha ha

385

00:31:22,700 --> 00:31:24,300

On first blush

386

00:31:24,300 --> 00:31:30,540

My canoe my kayak seems to be working just beautifully. It's nice and stable. I have a lot of control over my

387

00:31:30,940 --> 00:31:33,900

Direction and speed. I think it's time to start heading downstream

388

00:31:34,860 --> 00:31:37,900

But downstream is where troubled waters awake

389

00:31:39,500 --> 00:31:42,380

I see some current. Yep, we're starting to move

390

00:31:46,780 --> 00:31:48,780

Adam takes the first rapid

391

00:31:49,340 --> 00:31:51,340

Like a duct tape to water

392

00:31:53,660 --> 00:31:55,660

Shortly followed by Jamie

393

00:32:02,300 --> 00:32:05,500

Works like a charm this like a little cork

394

00:32:06,460 --> 00:32:10,380

Paradoxically the placid patches are causing a problem for Jamie

395

00:32:11,340 --> 00:32:15,340

While this thing is great for flotation. It's keeping me nice and high and dry

396

00:32:16,140 --> 00:32:24,140

I have craft propulsion and these currents keep wanting you to spin you off to one side or the other which means

397

00:32:24,780 --> 00:32:26,780

You just sit there or you go backwards

398

00:32:27,420 --> 00:32:29,260

And that's a big problem

399

00:32:29,340 --> 00:32:31,420

It's tiring and taking its toll

400

00:32:32,540 --> 00:32:35,660

I keep getting stuck and could be dangerous

401

00:32:36,460 --> 00:32:41,340

We don't want to get too far separated if one of us goes under the other should be there for rescue

402

00:32:41,580 --> 00:32:46,220

But when Jamie suddenly starts floating more freely, it's because the current has picked up

403

00:32:47,420 --> 00:32:49,420

Oh, Jamie look at that

404

00:32:50,700 --> 00:32:57,100

Yep, the fun run is done. This duct tape trip is about to get serious. I don't like the looks of this

405

00:32:57,340 --> 00:33:00,700

I don't either. What do you think? Should we take it to the right or to the left?

406

00:33:01,260 --> 00:33:03,580

I think we go right down the middle. Okay

407

00:33:04,300 --> 00:33:06,300

Here goes nothing

408

00:33:06,380 --> 00:33:08,380

Oh

409

00:33:12,220 --> 00:33:14,220

Whoa

410

00:33:21,100 --> 00:33:24,860

You're probably pretty surprised by how nice my tux looks

411

00:33:29,340 --> 00:33:34,300

This thing seems to like resist dust i'm rolling around in a beach in my tux

412

00:33:34,780 --> 00:33:40,140

That's some james bond stuff right there. Look at that. You know if anyone saw us all we have to say is

413

00:33:40,860 --> 00:33:42,860

No one's going to believe you

414

00:33:43,740 --> 00:33:46,860

Might just be the nerves, but I could have sworn I just saw two rafts made of duct tape

415

00:33:47,500 --> 00:33:53,180

You know, it's nifty about these there's like a hundred thousand bubbles. You can shoot this raft and it's still keep on going

416

00:33:53,660 --> 00:33:55,660

That can be arranged

417

00:33:59,660 --> 00:34:04,940

On route to a vip party the mythbusters were lost without hope

418

00:34:05,340 --> 00:34:10,140

But who needs hope when you've got duct tape

419

00:34:10,540 --> 00:34:17,100

This is working great and two mad scientists second to none. People do this for recreation

420

00:34:17,900 --> 00:34:24,780

Using all of the above adam and jamie have comprehensively conquered the canyon, but can they ride the raging river?

421

00:34:27,420 --> 00:34:29,420

Oh

422

00:34:34,940 --> 00:34:36,940

Oh

423

00:34:56,380 --> 00:35:02,140

That was by far the most severe rapids we've yet experienced on this river. How you going? I'm good

424

00:35:02,860 --> 00:35:07,340

I hit this beat went right over it skipped across

425

00:35:08,700 --> 00:35:11,820

Saw Jamie behind me kind of like spinning around in his couch

426

00:35:12,300 --> 00:35:17,580

I felt like I'm riding a caterpillar like a caterpillar that thinks it's a jet airplane

427

00:35:18,300 --> 00:35:22,220

That's what my boat is and it rode those rapids just beautifully

428

00:35:23,980 --> 00:35:28,620

And that's pretty much what happens for the next six hours moments of serenity

429

00:35:29,020 --> 00:35:35,020

It's so beautiful. This is better than taking the train still no sign of wallenda and moments to repent

430

00:35:37,500 --> 00:35:42,220

All of a sudden you see a little kind of narrow spot and you hear the sound

431

00:35:43,180 --> 00:35:44,460

and

432

00:35:44,460 --> 00:35:48,220

It's it's really nerve-racking because we don't know what's on the other side of it

433

00:35:51,100 --> 00:35:57,580

Yep as the landscape shifts the ultimate test for their well-crafted rafts is getting ready to rumble

434

00:35:59,580 --> 00:36:03,340

But as you can see we have paddled long enough to leave the canyon

435

00:36:04,460 --> 00:36:07,740

Boy the scenery has changed. Yeah, it's like a whole different river

436

00:36:08,780 --> 00:36:13,580

Gone are the red rocks gone are the high cliffs and now we must be close to civilization

437

00:36:13,580 --> 00:36:18,060

But we're not out of the woods yet for as they say it's always darkest before the dawn

438

00:36:20,460 --> 00:36:23,500

And surely it doesn't get any darker than this

439

00:36:24,220 --> 00:36:26,220

Oh

440

00:36:26,620 --> 00:36:31,420

A roaring raging great five rapping adam grits his teeth

441

00:36:35,820 --> 00:36:40,220

And carefully takes aim, but will it be sink or swim?

442

00:36:40,380 --> 00:36:42,380

Whoa

443

00:36:51,820 --> 00:36:54,380

For a full five seconds adam's down

444

00:36:56,940 --> 00:37:01,340

But then he's up, although he's not out of danger yet

445

00:37:03,260 --> 00:37:08,300

The rocky rapids unleash their full-on force fire and adam is swept away

446

00:37:10,540 --> 00:37:17,820

But thanks to luck judgment and fabricated flotation he makes it to the other side

447

00:37:25,500 --> 00:37:27,100

That was close

448

00:37:27,100 --> 00:37:29,980

I hit the rapids and felt like I hit them just right

449

00:37:30,700 --> 00:37:33,580

But then all of a sudden I know I went just wrong

450

00:37:34,220 --> 00:37:36,220

My boat curled away

451

00:37:36,220 --> 00:37:38,780

felt like it bent like something is bent

452

00:37:40,460 --> 00:37:42,460

And then I was in the water

453

00:37:42,780 --> 00:37:46,700

And I don't know what exactly happened to me. I felt like I caught air

454

00:37:48,940 --> 00:37:53,900

At least I still have all my fingers and toes and my boat probably gonna do it

455

00:37:54,700 --> 00:37:56,700

Wait for James

456

00:37:57,500 --> 00:38:04,620

Jamie's raft built for stability and comfort is less streamlined. So how will he survive the raging torrent?

457

00:38:05,180 --> 00:38:07,180

Wait for my file

458

00:38:08,780 --> 00:38:12,540

Well our hirsute hero gets stuck climbs out

459

00:38:14,620 --> 00:38:17,120

And chooses a much calmer course

460

00:38:21,420 --> 00:38:29,340

Well, it was a little unconventional, but yeah better than going for a swim. I mean you could get hurt in those rapids

461

00:38:29,580 --> 00:38:30,620

Yeah

462

00:38:30,620 --> 00:38:37,100

With freedom surely not far away. It's onwards and downwards. So we're going down the river and we hear a roar

463

00:38:37,820 --> 00:38:38,780

Jamie

464

00:38:38,780 --> 00:38:39,340

What?

465

00:38:39,340 --> 00:38:45,020

I don't like the sound of that you picker. That sounds different. Let's investigate before going through

466

00:38:47,020 --> 00:38:49,020

Oh

467

00:38:49,420 --> 00:38:51,420

Well, there's your problem

468

00:38:52,780 --> 00:38:58,220

And it is a good thing too because this rinse and spin cycle would have eaten us alive

469

00:38:58,700 --> 00:39:01,500

Going through this is a no-go. We got to go around

470

00:39:01,980 --> 00:39:03,980

So it looks like the only choice we have

471

00:39:04,620 --> 00:39:06,620

is to bypass this

472

00:39:06,620 --> 00:39:08,220

rapid and

473

00:39:08,220 --> 00:39:11,580

Use the rope that we have left over to lower the boats down

474

00:39:12,220 --> 00:39:18,380

Off of the cliff and then go down after them. So it's time for one last living on a prayer cliffhanger

475

00:39:21,260 --> 00:39:27,580

What could possibly go wrong only this time the cliff they're hanging off is slippery wet wet

476

00:39:29,180 --> 00:39:31,180

Little slack

477

00:39:32,060 --> 00:39:34,060

Oh crap the transition always sucks

478

00:39:35,180 --> 00:39:38,860

Okay, here we go using the method they mastered in the canyon

479

00:39:39,580 --> 00:39:41,980

Adam makes the sheer 25 foot drop

480

00:39:54,220 --> 00:39:56,380

Next Jamie casts down the canoe

481

00:39:59,180 --> 00:40:01,740

Love it. Look at that. It's totally working

482

00:40:03,580 --> 00:40:08,780

Then comes the couch here comes mine which also bounces down buoyantly

483

00:40:11,820 --> 00:40:14,220

That just leaves scared of heights Heinemann

484

00:40:18,540 --> 00:40:21,180

But when his descent is also disaster-free

485

00:40:22,540 --> 00:40:25,340

It's clear that in this duct tape survival special

486

00:40:26,300 --> 00:40:29,180

The mythbusters have conquered not just their surroundings

487

00:40:29,740 --> 00:40:32,060

That's it, but also their fears

488

00:40:32,700 --> 00:40:38,540

That's not so bad. Not so bad at all. Well done. And as they float their boats one last time

489

00:40:41,100 --> 00:40:44,860

There's more than light at the end of this tunnel. Do you hear that?

490

00:40:45,580 --> 00:40:46,540

What?

491

00:40:46,540 --> 00:40:47,820

That

492

00:40:47,820 --> 00:40:49,820

Oh, it sounds like

493

00:40:49,820 --> 00:40:53,100

Selfization if we hurry up might just make it

494

00:40:53,820 --> 00:40:58,780

With their VIP party just up paddle away adam takes time to take stock

495

00:40:59,740 --> 00:41:03,420

I can say this might go down in history as one of the best adventures we've had

496

00:41:04,540 --> 00:41:06,540

Starting out with our car running out of gas

497

00:41:09,180 --> 00:41:11,180

Using its battery to start a fire

498

00:41:12,780 --> 00:41:16,060

Making duct tape tents to survive in the desert

499

00:41:16,300 --> 00:41:19,820

Using duct tape to repel to the bottom of the canyon

500

00:41:22,940 --> 00:41:27,420

Which we then had to make some boats to go down the canyon river

501

00:41:38,060 --> 00:41:40,060

It's been one heck of an adventure

502

00:41:40,700 --> 00:41:50,940

An adventure then in a hotel far far away comes to a starladen party finale

503

00:41:53,660 --> 00:41:57,420

We made it this is it shall we do it? Yeah, hold on

504

00:41:58,780 --> 00:42:00,780

Do you think it's good it's convey?

505

00:42:01,100 --> 00:42:04,700

All right, wait, hold on. This is a good entrance three two one

506

00:42:06,700 --> 00:42:08,700

Or not

507

00:42:10,060 --> 00:42:12,060

We missed the party

508

00:42:13,260 --> 00:42:17,740

We still have time to make the walk if we hurry all we need is a little more duct tape

509

00:42:19,420 --> 00:42:22,800

Seriously a wink is how you're gonna finish this all right