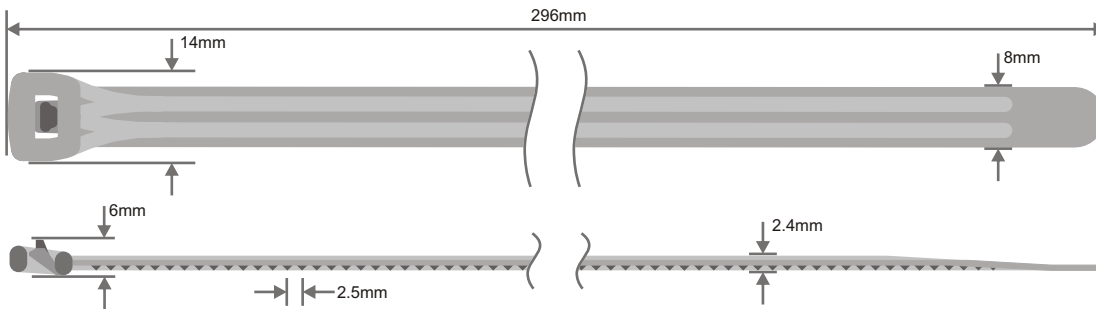


0830 PCL Cable Ties

Product
Specification

(8mm x 300mm)



Properties

General

Product Code:	0830-PCL
Standard Pack Sizes:	Trade bags of 50
Available Colours:	White (Natural, uncoloured)

Physical

Nominal Moulded Length:	296mm
Width:	8.0mm [strap] / 14.0mm [head]
Thickness:	2.4mm [strap] / 6.0mm [head]
Weight:	4.7g approx.
Maximum Bundle Size:	75mm diameter
Minimum Bundle Size:	<12mm diameter
Recommended Maximum Loading when Looped:	15kg

Material

Material:	Polycaprolactone (Ingevity CAPA 6500)
Density:	1.15g/cm ³ approx.
Maximum Tensile Strength:	15MPa (Yield stress 17MPa, Yield strain 25%)
Flexural Modulus:	400MPa (Shore hardness approx 50D)
Resistance to Fuels and Oils:	-

Thermal

Low Temperature Brittle Point (Glass Transition):	-60°C
Recommended Service Temp Range:	-20°C to +30°C
Short Term Peak Temp [no load]:	+45°C
Melting Point:	+60°C
Notes:	KEEP BELOW 50°C

Environmental

PCL is digested under ambient conditions by microbes in soil & marine environments via enzymatic hydrolysis. Suitable for aerobic & anaerobic conditions. (Degradation is accelerated in moist, warm conditions.)	
Notes:	DO NOT RECYCLE

All data provided for representation only. E&OE.

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