

**C.C.Components Pty Ltd**  
**Rubber Conveyor Belt Reinforcement**  
**Strength, Features & Applications**

<b>Carcass Type</b>	<b>Carcass Material Warp Weft</b>	<b>Strength Range kilonewtons per meter width</b>	<b>Key Features &amp; Applications</b>
<b>PN Plain weave (Din code EP)</b>	Polyester / Nylon	250 to 2000 kN/m (125 to 400 kN/m/ply)	Low elongation. Very good impact resistance. Good fastener holding. Excellent general purpose fabric.
<b>PN Crow's foot weave</b>	Polyester / Nylon	630 to 2500 kN/m (315 to 500 kN/m/ply)	Low Elongation. Good impact resistance. Very good fastener holding. Excellent rip resistance. For high abuse installations.
<b>PP Plain weave</b>	Polyester /Polyester	Up to 900 kN/m (120 & 150 kN/m/ply)	Used where acid resistance is needed.
<b>NN Plain weave</b>	Nylon / Nylon	Up to 2000 kN/m (150 to 450 kN/m/ply)	Excellent impact resistance High elongation Now mostly replaced by PN.
<b>CC Plain weave</b>	Cotton / Cotton	Up to 400 kN/m (65 & 70 kN/m/ply)	Used in special applications such as plasterboard & hot pellet handling systems.
<b>SW Solid Woven</b>	Nylon / Nylon Polyester / Nylon	600 to 1800 kN/m	Mainly used in underground mining. Excellent fastener holding & impact resistance. Also used for bucket elevators.
<b>ST Steel Cord</b>	Steel Cord	500 to 7000 kN/m	Very low elongation. Very high strength. Used for long haul, high tension applications.
<b>Cross Rigid Beltwall</b>	Polyester / Nylon 2 Plies of Fiberglass	250 to 1000 kN/m (125 to 200 kN/m/ply)	Outstanding lateral stability. Excellent belt for high incline conveying.

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