



Technical
DATA

Scapa 815YLC

High Temperature Nylon Flash Tape

DESCRIPTION

Scapa 815 is a high temperature nylon backing, single coated with a rubber adhesive.

APPLICATIONS

- Flash removal on composite and metal parts in the aerospace industry.
- Masking and holding tools, forms, and parts for metal or composite bonding.

PRODUCT BENEFITS

- Minimizes potential for silicone contamination.
- Product is autoclavable.
- Withstands temperatures up to 350°F.

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Adhesive Colour	Yellow, White, Green	-	-
Adhesive Thickness (Rubber/Resin)	1.0	Mils. (.030 mm)	-
Carrier Thickness (Nylon)	2.0	Mils. (.050 mm)	-
Elongation at Break	>350	%	PSTC 31
Peel Adhesion	42	Oz./Inch	PSTC 101
Peel Adhesion	11.68	(N/25mm)	PSTC 101
Service Temperature	265 ; 350	°F (130°C) °F (180°C) intermittent duty	-
Tensile Strength	25	lbs. / Inch	PSTC 31
Tensile Strength	110	(N/25mm)	PSTC 31
Total Thickness (Not Including Liner)	3.1	Mils. (.081 mm)	-

STANDARD PRESENTATIONS

RECOMMENDATIONS

Application to Surface:

Unwind adhesive film or tape and apply the adhesive side to the mounting surface. Apply firm pressure. Recommended application temperature to achieve best results is 65°F (18°C) or above. Proper bonding may not occur unless adhesive and surface material are both at 65°F (18°C) or above.

NOTE: 1. When applying pressure sensitive adhesive films to any surface, be sure that the surface is free from oil or other surface contaminants such as powder, dust, or release agents. Adhesive performance should be carefully checked when used on substrates containing plasticizers.

2. Shelf life is one year from date of shipment when stored in a cool dry place below 76°F (24°C). Rolls should be stored on end.