

< SCAPA INDUSTRIAL >

# SPECIALITY SPLICING TAPE

Single and Double Sided Tapes / Heat Activated Films



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**SCAPA OFFERS A FULL RANGE** of specialty technical splicing tapes that are designed for easy use and provide a robust splice in even the most demanding applications.

Scapa tapes bond and join materials as diverse as PVC flooring, carpet, glass cloth, heavy-duty textiles, technical textiles such as aramid, Kevlar® and carbon, bituminous shingles, aluminium foils, speciality non-woven fabrics and papers.

Whatever the type of splice required, Scapa offers the right Heat Activated Film or Single and Double Sided Pressure Sensitive Tape from a comprehensive splicing range designed to deliver the right results.



**SCAPA HEAT ACTIVATED FILMS** are ideal for combining the right combination of heat, time and pressure to produce a highly durable bond with excellent heat and chemical resistance.

Product	Carrier / Adhesive	Total Thickness in µm	Features and Benefits
H191U	Unsupported Nitrile-phenolic Adhesive	51	<ul style="list-style-type: none"> <li>• Creates a structural bond in many applications</li> <li>• Provides high bond strength to metals, wood, plastics, paper, ceramics and woven materials when heat activated</li> <li>• Splicing of fibreglass cloth and other woven fabric materials</li> <li>• Excellent resistance to solvents, plasticisers and heat when cured</li> </ul>
H192U	Unsupported Nitrile-phenolic Adhesive	133	<ul style="list-style-type: none"> <li>• Thicker version of H191U</li> <li>• High adhesive mass gives good gap filling properties and aids in bonding to irregular surfaces</li> </ul>
H193U	Unsupported Nitrile-phenolic Adhesive	203	<ul style="list-style-type: none"> <li>• Thicker version of H192U</li> <li>• Bonds to uneven surfaces due to thickness of adhesive</li> </ul>



**SCAPA SINGLE SIDED TAPES** offer worry-free solutions to manufacturers and converters and are ideal for core starting, roll closing, repairing, reinforcing, overlap and butt splicing. With a specialty acrylic adhesive, our tapes ensure a high peel and shear when heat resistance is required.

Product	Carrier / Adhesive	Total Thickness in $\mu\text{m}$	Peel Adhesion in N/cm	Temperature Resistance	Features and Benefits
K125	Polyester (36 $\mu\text{m}$ ) / Aggressive Acrylic	85	10	up to 150°C	<ul style="list-style-type: none"> <li>• High tack for on-line splicing and repairing</li> <li>• High adhesive coat weight suitable to bond rough materials</li> <li>• Adhesive with exceptional grab on most surfaces</li> </ul>
K138	Impregnated Lay-flat Paper / Acrylic	240	8	200°C (250°C Short Term)	<ul style="list-style-type: none"> <li>• For splicing at all stages of coating, manufacturing and converting</li> <li>• Excellent shear and peel resistance even at very high temperatures</li> <li>• Backing can be top coated</li> </ul>
K139	Impregnated Lay-flat Paper Reinforced by a Glass Scrim / Acrylic	280	6.8	200°C (250°C Short Term)	<ul style="list-style-type: none"> <li>• Reinforced version of K138 where higher mechanical resistance is required</li> <li>• Glass scrim allows high mechanical resistance on machine and cross direction</li> </ul>
K140	Impregnated Lay-flat Paper / Acrylic	260	8.5	200°C (250°C Short Term)	<ul style="list-style-type: none"> <li>• High tack compared to K138</li> <li>• Higher coat weight is ideally suited for bonding on rough surfaces</li> </ul>



**SCAPA DOUBLE SIDED TAPES** include solvent acrylics, rubber and high-performance silicone adhesive systems. These products perform in the most demanding splicing applications, offering great adhesion to a variety of substrates and bonding of dissimilar high and low surface energy materials.

Product	Carrier / Adhesive	Total Thickness in $\mu\text{m}$	Peel Adhesion in N/cm	Temperature Resistance	Features and Benefits
V705	Polyester (23 $\mu\text{m}$ ) / Silicone (Closed Side) - Acrylic (Open Side)	110	4.5 (Acrylic Side) 2.0 (Silicone Side)	160°C (190°C Short Term)	<ul style="list-style-type: none"> <li>• Differential adhesive formulation</li> <li>• Acrylic adhesive provides an immediate high bond to high surface energy materials</li> <li>• Excellent chemical resistance</li> <li>• High temperature resistance</li> </ul>
V706	Polyimide (25 $\mu\text{m}$ ) / Silicone	100	2.1	up to 200°C	<ul style="list-style-type: none"> <li>• High strength polyimide backing</li> <li>• High tack</li> <li>• High temperature performance</li> <li>• Quick and permanent bond to silicone coated substrates</li> </ul>
V709	Polyester (50 $\mu\text{m}$ ) / Silicone	125	2.5	up to 160°C	<ul style="list-style-type: none"> <li>• Good tear resistance</li> <li>• High strength polyester backing</li> <li>• High temperature performance</li> <li>• Quick and permanent bond to silicone coated substrates</li> </ul>
D200	Polyester (23 $\mu\text{m}$ ) / Rubber	70	4.6 (Open Side) 6.5 (Liner Side)	up to 70°C	<ul style="list-style-type: none"> <li>• For temporary jointing and fixing of highly plasticised PVC sports flooring and mats</li> <li>• Excellent resistance to plasticiser migration</li> <li>• Residue-free removal after use</li> </ul>
D300	Polyester (23 $\mu\text{m}$ ) / Rubber	130	8 (Open Side) 6 (Liner Side)	up to 70°C	<ul style="list-style-type: none"> <li>• Excellent heat and solvent resistance</li> <li>• Will not leave any residue upon removal</li> <li>• High adhesion</li> </ul>

# GLOBAL SOLUTIONS



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