



### COPPER - ALUMINUM COUPLERS IN AIR CONDITIONING APPLICATIONS THIN WALL ADHESIVE LINED CROSS-LINKED SEMI-RIGID POLYOLEFIN

**Problem:** A customer needed a solution for insulating and waterproofing the inlet and outlet connections of an air conditioning heat exchanger during installation. Because of the difference in profile between the aluminum heat exchanger and the copper outlets/inlets, special tubing was required to cover the joint and be heat resistant to avoid slippage. Operating temperatures are expected to exceed 150°C and alternative products were not successful. At prolonged exposure to 150°C the alternative product adhesive would rot and the tubing would slide off or milk-off exposing the connection.

**Solution:** DSG-Canusa recommended Deray® HXKT, a semi-rigid, unmeltable heat shrink sleeve with an adhesive inner lining and high shrink ratio. The adhesive liner has a high viscosity which guarantees high temperature resistance, moisture resistant sealing, bending protection and strain relief.

#### PRODUCT NAME

Deray® HXKT

#### PRODUCT DESCRIPTION

Semi-rigid, adhesive lined heat shrink tube ideal for high temperature applications where strain relief and abrasion resistance is required

#### ADVANTAGE

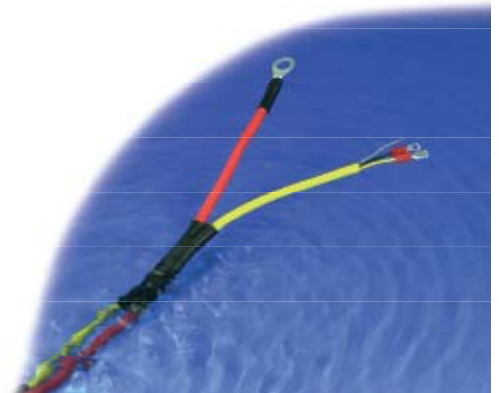
- Capability to provide professional customer service and custom solutions
- Temperature resistant adhesive liner ensures complete environmental protection
- Better sealing efficiency ensuring no moisture ingress or other contaminants
- Inner adhesive bonds to plastics, rubbers and metals

#### OTHER POTENTIAL USES

- Automotive Eyelit Terminals

#### ADDITIONAL ATTRIBUTES

- Temperature resistant adhesive liner ensures complete environmental protection

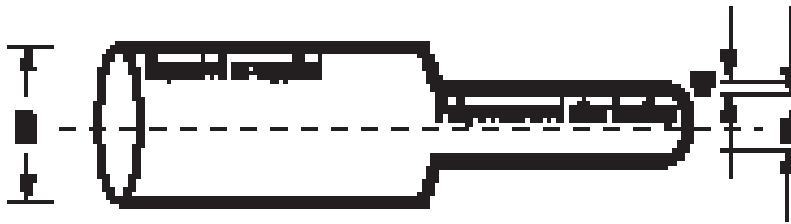


# Deray® HXKT

## THIN WALL ADHESIVE LINED CROSS-LINKED SEMI-RIGID POLYOLEFIN

### DIMENSIONS

ORDER REFERENCE NUMBER	EXPANDED				RECOVERED		NOMINAL MELTABLE WALL THICKNESS		LENGTHS	
	INTERNAL DIAMETER (MIN)		INTERNAL DIAMETER (MAX)		WALL THICKNESS (NOM)				M	FT
	MM	IN	MM	IN	MM	IN				
0125	3.2	1/8	0.8	0.031	0.90	0.035	0.40	0.016	1.2	4
0187	4.8	3/16	1.5	0.059	1.40	0.055	0.80	0.032	1.2	4
0250	6.4	1/4	2.0	0.079	1.40	0.055	0.75	0.030	1.2	4
0375	9.5	3/8	3.4	0.134	1.65	0.065	1.00	0.039	1.2	4
0500	12.7	1/2	5.0	0.196	1.70	0.066	1.00	0.039	1.2	4
0750	19.0	3/4	8.0	0.315	1.95	0.076	1.20	0.047	1.2	4
1000	25.4	1	10.2	0.401	2.00	0.078	1.20	0.047	1.2	4



### ORDERING

- Select a dimension which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified.
- Please specify the product name plus the options you require.
- Example Order: Deray® HXKT 0125
- Standard Product: Black, unprinted

### OPTIONS

- Printing: Printed

Please contact your Customer Service Representative for information on custom colours, sizes and lengths